Z
250
B64

BISHOP'S
SPECIMENS
OF
JOB WORK

Class Z250
Book B64

Saves time and mistakes in figuring on small jobs, which do not pay for much trouble.

THE PRINTER'S READY RECKONER.

Will also be found useful to Paper Dealers in billing fractions of reams.

TABLE for ascertaining Cost of Stock used on Small Jobs, giving the weight of ream and price per pound, ream and quire.

Fractions of cents have been charged as cents, which will help to cover the loss occasioned by soiled top and bottom sheets, &c.

PRICE 50 CENTS, POST PAID. To be obtained from all Type Founders and Printing Material Dealers.

TABLE showing number of sheets contained in a given number of quires (qr. = sh.), with Weight 8 lb – 28 lb:

qr. = sh.	Price per lb.	8 lb ream	qr	10 lb ream	qr	12 lb ream	qr	14 lb ream	qr	16 lb ream	qr	18 lb ream	qr	20 lb ream	qr	22 lb ream	qr	24 lb ream	qr	26 lb ream	qr	28 lb ream	qr
2= 48	6c	$0.48	.03	$0.60	.03	$0.72	.04	$0.84	.05	$0.96	.05	$1.08	.06	$1.20	.06	$1.32	.07	$1.44	.08	$1.56	.08	$1.68	.09
3= 72	6	.50	.03	.63	.04	.75	.04	.88	.05	1.00	.05	1.13	.06	1.25	.07	1.38	.07	1.50	.08	1.63	.09	1.75	.09
4= 96	6½	.52	.03	.65	.04	.78	.04	.91	.05	1.04	.06	1.17	.06	1.30	.07	1.43	.08	1.56	.08	1.69	.09	1.82	.10
5= 120	6¾	.54	.03	.68	.04	.81	.05	.95	.05	1.08	.06	1.22	.07	1.35	.07	1.49	.08	1.62	.09	1.76	.09	1.89	.10
6= 144	7	.56	.03	.70	.04	.84	.05	.98	.05	1.12	.06	1.26	.07	1.40	.07	1.54	.08	1.68	.09	1.82	.10	1.96	.10
7= 168	7¼	.58	.03	.73	.04	.87	.05	1.02	.06	1.16	.06	1.31	.07	1.45	.08	1.60	.08	1.74	.09	1.89	.10	2.03	.11
8= 192	7½	.60	.03	.75	.04	.90	.05	1.05	.06	1.20	.06	1.35	.07	1.50	.08	1.65	.09	1.80	.09	1.95	.10	2.10	.11
9= 216	7¾	.62	.04	.78	.04	.93	.05	1.09	.06	1.24	.07	1.40	.07	1.55	.08	1.71	.09	1.86	.10	2.02	.11	2.17	.11
10= 240	8	.64	.04	.80	.04	.96	.05	1.12	.06	1.28	.07	1.44	.08	1.60	.08	1.76	.09	1.92	.10	2.08	.11	2.24	.12
11= 264	8¼	.66	.04	.83	.05	.99	.05	1.16	.06	1.32	.07	1.49	.08	1.65	.09	1.82	.10	1.98	.10	2.15	.11	2.31	.12
12= 288	8½	.68	.04	.85	.05	1.02	.06	1.19	.06	1.36	.07	1.53	.08	1.70	.09	1.87	.10	2.04	.11	2.21	.12	2.38	.12
13= 312	8¾	.70	.04	.88	.05	1.05	.06	1.23	.07	1.40	.07	1.58	.08	1.75	.09	1.93	.10	2.10	.11	2.28	.12	2.45	.13
14= 336	9	.72	.04	.90	.05	1.08	.06	1.26	.07	1.44	.08	1.62	.09	1.80	.09	1.98	.10	2.16	.11	2.34	.12	2.52	.13
15= 360	9¼	.74	.04	.93	.05	1.11	.06	1.30	.07	1.48	.08	1.67	.09	1.85	.10	2.04	.11	2.22	.12	2.41	.13	2.59	.13
16= 384	9½	.76	.04	.95	.05	1.14	.06	1.33	.07	1.52	.08	1.71	.09	1.90	.10	2.09	.11	2.28	.12	2.47	.13	2.66	.14
17= 408	9¾	.78	.04	.98	.05	1.17	.06	1.37	.07	1.56	.08	1.76	.09	1.95	.10	2.15	.11	2.34	.12	2.54	.13	2.73	.14
18= 432	10	.80	.04	1.00	.05	1.20	.06	1.40	.07	1.60	.08	1.80	.09	2.00	.10	2.20	.11	2.40	.12	2.60	.13	2.80	.14
19= 456	10¼	.82	.05	1.03	.06	1.23	.07	1.44	.08	1.64	.09	1.85	.10	2.05	.11	2.26	.12	2.46	.13	2.67	.14	2.87	.15
20= 480	10½	.84	.05	1.05	.06	1.26	.07	1.47	.08	1.68	.09	1.89	.10	2.10	.11	2.31	.12	2.52	.13	2.73	.14	2.94	.15
21= 504	10¾	.86	.05	1.08	.06	1.29	.07	1.51	.08	1.72	.09	1.94	.10	2.15	.11	2.37	.12	2.58	.13	2.80	.14	3.01	.15
22= 528	11	.88	.05	1.10	.06	1.32	.07	1.54	.08	1.76	.09	1.98	.10	2.20	.11	2.42	.13	2.64	.14	2.86	.15	3.08	.16
23= 552	11¼	90	.05	1.13	.06	1.35	.07	1.58	.08	1.80	.09	2.03	.11	2.25	.12	2.48	.13	2.70	.14	2.93	.15	3.15	.16
24= 576	11½	92	.05	1.15	.06	1.38	.07	1.61	.09	1.84	.10	2.07	.11	2.30	.12	2.53	.13	2.76	.14	2.99	.15	3.22	.17
25= 600	11¾	94	.05	1.18	.06	1.41	.08	1.65	.09	1.88	.10	2.12	.11	2.35	.12	2.59	.13	2.82	.15	3.06	.16	3.29	.17
26= 624	12	.96	.05	1.20	.06	1.44	.08	1.68	.09	1.92	.10	2.16	.11	2.40	.12	2.64	.14	2.88	.15	3.12	.16	3.36	.17
27= 648	12¼	.98	.05	1.23	.07	1.47	.08	1.72	.09	1.96	.10	2.21	.12	2.45	.13	2.70	.14	2.94	.15	3.19	.16	3.43	.18
28= 672	12½	1.00	.05	1.25	.07	1.50	.08	1.75	.09	2.00	.10	2.25	.12	2.50	.13	2.75	.14	3.00	.15	3.25	.17	3.50	.18
29= 696	12¾	1.02	.06	1.28	.07	1.53	.08	1.79	.09	2.04	.11	2.30	.12	2.55	.13	2.81	.15	3.06	.16	3.32	.17	3.57	.18
30= 720	13	1.04	.06	1.30	.07	1.56	.08	1.82	.10	2.08	.11	2.34	.12	2.60	.13	2.86	.15	3.12	.16	3.38	.17	3.64	.19
31= 744	13¼	1.06	.06	1.33	.07	1.59	.08	1.86	.10	2.12	.11	2.39	.12	2.65	.14	2.92	.15	3.18	.16	3.45	.18	3.71	.19
32= 768	13½	1.08	.06	1.35	.07	1.62	.09	1.89	.10	2.16	.11	2.43	.13	2.70	.14	2.97	.15	3.24	.17	3.51	.18	3.78	.19
33= 792	13¾	1.10	.06	1.38	.07	1.65	.09	1.93	.10	2.20	.11	2.48	.13	2.75	.14	3.03	.16	3.30	.17	3.58	.18	3.85	.20
34= 816	14	1.12	.06	1.40	.07	1.68	.09	1.96	.10	2.24	.12	2.52	.13	2.80	.14	3.08	.16	3.36	.17	3.64	.19	3.92	.20
35= 840	14¼	1.14	.06	1.43	.08	1.71	.09	2.00	.10	2.28	.12	2.57	.13	2.85	.15	3.14	.16	3.42	.18	3.71	.19	3.99	.20
36= 864	14½	1.16	.06	1.45	.08	1.74	.09	2.03	.11	2.32	.12	2.61	.14	2.90	.15	3.19	.16	3.48	.18	3.77	.19	4.06	.21
37= 888	14¾	1.18	.06	1.48	.08	1.77	.09	2.07	.11	2.36	.12	2.66	.14	2.95	.15	3.25	.17	3.54	.18	3.84	.20	4.13	.21
38= 912	15	1.20	.06	1.50	.08	1.80	.09	2.10	.11	2.40	.12	2.70	.14	3.00	.15	3.30	.17	3.60	.18	3.90	.20	4.20	.21
39= 936	15¼	1.22	.07	1.53	.08	1.83	.10	2.14	.11	2.44	.13	2.75	.14	3.05	.16	3.36	.17	3.66	.19	3.97	.20	4.27	.22
40= 960	15½	1.24	.07	1.55	.08	1.86	.10	2.17	.11	2.48	.13	2.79	.14	3.10	.16	3.41	.18	3.72	.19	4.03	.21	4.34	.22
41= 984	15¾	1.26	.07	1.58	.08	1.89	.10	2.21	.12	2.52	.13	2.84	.15	3.15	.16	3.47	.18	3.78	.12	4.10	.21	4.41	.23
42=1008	16	1.28	.07	1.60	.08	1.92	.10	2.24	.12	2.56	.13	2.88	.15	3.20	.16	3.52	.18	3.84	.20	4.16	.21	4.48	.23
43=1032	16¼	1.30	.07	1.63	.09	1.95	.10	2.28	.12	2.60	.13	2.93	.15	3.25	.17	3.58	.18	3.90	.20	4.23	.22	4.55	.23
44=1056	16½	1.32	.07	1.65	.09	1.98	.10	2.31	.12	2.64	.14	2.97	.15	3.30	.17	3.63	.19	3.96	.20	4.29	.22	4.62	.24
45=1080	16¾	1.34	.07	1.68	.09	2.01	.11	2.35	.12	2.68	.14	3.02	.16	3.35	.17	3.69	.19	4.02	.21	4.36	.22	4.69	.24
46=1104	17	1.36	.07	1.70	.09	2.04	.11	2.38	.12	2.72	.14	3.06	.16	3.40	.17	3.74	.19	4.08	.21	4.42	.23	4.76	.24
47=1128	17¼	1.38	.07	1.73	.09	2.07	.11	2.42	.13	2.76	.14	3.11	.16	3.45	.18	3.80	.19	4.14	.21	4.49	.23	4.83	.25
48=1152	17½	1.40	.07	1.75	.09	2.10	.11	2.45	.13	2.80	.14	3.15	.16	3.50	.18	3.85	.20	4.20	.21	4.55	.23	4.90	.25
49=1176	17¾	1.42	.08	1.78	.09	2.13	.11	2.49	.13	2.84	.15	3.20	.16	3.55	.18	3.91	.20	4.26	.22	4.62	.24	4.97	.25
50=1200	18	1.44	.08	1.80	.09	2.16	.11	2.52	.13	2.88	.15	3.24	.17	3.60	.18	3.96	.20	4.32	.22	4.68	.24	5.04	.26
51=1224	18¼	1.46	.08	1.83	.10	2.19	.11	2.56	.13	2.92	.15	3.29	.17	3.65	.19	4.02	.21	4.38	.22	4.75	.24	5.11	.26
52=1248	18½	1.48	.08	1.80	.10	2.22	.12	2.59	.13	2.96	.15	3.33	.17	3.70	.19	4.07	.21	4.44	.23	4.81	.25	5.18	.26
53=1272	18¾	1.50	.08	1.88	.10	2.25	.12	2.63	.14	3.00	.15	3.38	.17	3.75	.19	4.12	.21	4.50	.23	4.88	.25	5.25	.27
54=1296	19	1.52	.08	1.95	.10	2.28	.12	2.66	.14	3.04	.16	3.42	.18	3.80	.19	4.18	.21	4.56	.23	4.94	.25	5.32	.27
55=1320	19¼	1.54	.08	1.93	.10	2.31	.12	2.70	.14	3.08	.16	3.47	.18	3.85	.20	4.24	.22	4.62	.24	5.01	.26	5.39	.27
56=1344	19½	1.56	.08	1.95	.10	2.34	.12	2.73	.14	3.12	.16	3.51	.18	3.90	.20	4.29	.22	4.68	.24	5.07	.26	5.46	.28
57=1368	20	1.60	.08	1.00	.10	2.40	.12	2.80	.14	3.20	.16	3.60	.18	4.00	.20	4.40	.22	4.80	.24	5.20	.26	5.60	.28
58=1392	22	1.76	.09	2.20	.11	2.64	.14	3.08	.16	3.52	.18	3.96	.20	4.40	.22	4.84	.25	5.28	.27	5.72	.29	6.16	.31
[illegible]	[illegible]	1.92	.10	2.40	.12	2.88	.15	3.36	.17	3.84	.20	4.32	.22	4.80	.24	5.28	.27	5.76	.29	6.24	.32	6.72	.34
[illegible]	[illegible]	[illegible]0	.10	2.50	.13	3.00	.15	3.50	.18	4.00	.20	4.50	.23	5.00	.25	5.50	.28	6.00	.30	6.50	.33	7.00	.35

Weight 30 lb – 70 lb:

30 lb ream	qr	32 lb ream	qr	35 lb ream	qr	36 lb ream	qr	40 lb ream	qr	45 lb ream	qr	50 lb ream	qr	60 lb ream	qr	70 lb ream	qr	Price per lb.
$1.80	.09	$1.92	.10	2.10	.11	$2.16	.11	$2.40	.12	$2.70	.14	$3.00	.15	$3.60	.18	$4.20	.21	6c
1.88	.10	2.00	.10	2.19	.11	2.25	.12	2.50	.13	2.82	.15	3.13	.16	3.75	.19	4.38	.22	6¼
1.95	.10	2.08	.11	2.28	.12	2.34	.12	2.60	.13	2.93	.15	3.25	.17	3.90	.20	4.55	.23	6½
2.03	.11	2.16	.11	2.37	.12	2.43	.13	2.70	.14	3.04	.16	3.38	.17	4.05	.21	4.73	.24	6¾
2.10	.11	2.24	.12	2.45	.13	2.52	.13	2.80	.14	3.15	.16	3.50	.18	4.20	.21	4.90	.25	7
2.18	.11	2.32	.12	2.54	.13	2.61	.14	2.90	.15	3.26	.17	3.63	.19	4.35	.22	5.08	.26	7¼
2.25	.12	2.40	.12	2.63	.14	2.70	.14	3.00	.15	3.38	.17	3.75	.19	4.50	.23	5.25	.27	7½
2.33	.12	2.48	.13	2.72	.14	2.79	.14	3.10	.16	3.49	.18	3.88	.20	4.65	.24	5.43	.28	7¾
2.40	.12	2.56	.13	2.80	.14	2.88	.15	3.20	.16	3.60	.18	4.00	.20	4.80	.24	5.60	.28	8
2.48	.13	2.64	.14	2.89	.15	2.97	.15	3.30	.17	3.72	.19	4.13	.21	4.95	.25	5.78	.29	8¼
2.55	.13	2.72	.14	2.98	.15	3.06	.16	3.40	.17	3.83	.20	4.25	.22	5.10	.26	5.95	.30	8½
2.63	.14	2.80	.14	3.07	.16	3.15	.16	3.50	.18	3.94	.20	4.38	.22	5.25	.27	6.13	.31	8¾
2.70	.14	2.88	.15	3.15	.16	3.24	.17	3.60	.18	4.05	.21	4.50	.23	5.40	.27	6.30	.32	9
2.78	.14	2.96	.15	3.24	.17	3.33	.17	3.70	.19	4.17	.21	4.63	.24	5.55	.28	6.48	.33	9¼
2.85	.15	3.04	.16	3.33	.17	3.42	.18	3.80	.19	4.28	.22	4.75	.24	5.70	.29	6.65	.34	9½
2.93	.15	3.12	.16	3.42	.18	3.51	.18	3.90	.20	4.39	.22	4.88	.25	5.85	.30	6.83	.35	9¾
3.00	.15	3.20	.16	3.50	.18	3.60	.18	4.00	.20	4.50	.23	5.00	.25	6.00	.30	7.00	.35	10
3.08	.16	3.28	.17	3.59	.18	3.69	.19	4.10	.21	4.62	.24	5.13	.26	6.15	.31	7.18	.36	10¼
3.15	.16	3.36	.17	3.68	.19	3.78	.19	4.20	.21	4.73	.24	5.25	.27	6.30	.32	7.35	.37	10½
3.23	.17	3.44	.18	3.77	.19	3.87	.20	4.30	.22	4.84	.25	5.37	.27	6.45	.33	7.53	.38	10¾
3.30	.17	3.52	.18	3.85	.20	3.96	.20	4.40	.22	4.95	.25	5.50	.28	6.60	.33	7.70	.39	11
3.38	.17	3.60	.18	3.94	.20	4.05	.21	4.50	.23	5.07	.26	5.63	.29	6.75	.34	7.88	.40	11¼
3.45	.18	3.68	.19	4.03	.21	4.14	.21	4.60	.23	5.18	.26	5.75	.29	6.90	.35	8.05	.41	11½
3.53	.18	3.76	.19	4.12	.21	4.23	.22	4.70	.24	5.29	.27	5.88	.30	7.05	.36	8.23	.42	11¾
3.60	.18	3.84	.20	4.20	.21	4.32	.22	4.80	.24	5.40	.27	6.00	.30	7.20	.36	8.40	.42	12
3.68	.19	3.92	.20	4.29	.22	4.41	.23	4.90	.25	5.51	.28	6.13	.31	7.35	.37	8.58	.43	12¼
3.75	.19	4.00	.20	4.38	.22	4.50	.23	5.00	.25	5.63	.29	6.25	.32	7.50	.38	8.75	.44	12½
3.83	.20	4.08	.21	4.47	.23	4.59	.23	5.10	.26	5.74	.29	6.38	.32	7.65	.39	8.93	.45	12¾
3.90	.20	4.16	.21	4.55	.23	4.68	.24	5.20	.26	5.85	.30	6.50	.33	7.80	.39	9.10	.46	13
3.98	.20	4.24	.22	4.64	.24	4.77	.24	5.30	.27	5.97	.30	6.62	.34	7.95	.40	9.28	.47	13¼
4.05	.21	4.32	.22	4.73	.24	4.86	.25	5.40	.27	6.08	.31	6.75	.34	8.10	.41	9.45	.48	13½
4.13	.21	4.40	.22	4.82	.25	4.95	.25	5.50	.28	6.19	.31	6.88	.35	8.25	.42	9.63	.49	13¾
4.20	.21	4.48	.23	4.90	.25	5.04	.26	5.60	.28	6.30	.32	7.00	.35	8.40	.42	9.80	.49	14
4.28	.22	4.56	.23	4.99	.25	5.13	.26	5.70	.29	6.42	.33	7.13	.36	8.55	.43	9.98	.50	14¼
4.35	.22	4.64	.24	5.08	.26	5.22	.27	5.80	.29	6.53	.33	7.25	.37	8.70	.44	10.15	.51	14½
4.43	.23	4.72	.24	5.17	.26	5.31	.27	5.90	.30	6.64	.34	7.38	.37	8.85	.45	10.33	.52	14¾
4.50	.23	4.80	.24	5.25	.27	5.40	.27	6.00	.30	6.75	.34	7.50	.38	9.00	.45	10.50	.53	15
4.58	.23	4.88	.25	5.34	.27	5.49	.28	6.10	.31	6.87	.35	7.63	.39	9.15	.46	10.68	.54	15¼
4.65	.24	4.96	.25	5.43	.28	5.58	.28	6.20	.31	6.98	.35	7.75	.39	9.30	.47	10.85	.55	15½
4.73	.24	5.04	.26	5.52	.28	5.67	.29	6.30	.32	7.09	.36	7.88	.40	9.45	.48	11.03	.56	15¾
4.80	.24	5.12	.26	5.60	.28	5.76	.29	6.40	.32	7.20	.36	8.00	.40	9.60	.48	11.20	.56	16
4.88	.25	5.20	.26	5.69	.29	5.85	.30	6.50	.33	7.32	.37	8.13	.41	9.75	.49	11.38	.57	16¼
4.95	.25	5.28	.27	5.78	.29	5.94	.30	6.60	.33	7.43	.38	8.25	.42	9.90	.50	11.55	.58	16½
5.03	.26	5.36	.27	5.87	.30	6.03	.31	6.70	.34	7.54	.38	8.38	.42	10.05	.51	11.73	.59	16¾
5.10	.26	5.44	.28	5.95	.30	6.12	.31	6.80	.34	7.65	.39	8.50	.43	10.20	.51	11.90	.60	17
5.18	.26	5.52	.28	6.04	.31	6.21	.32	6.90	.35	7.77	.39	8.63	.44	10.35	.52	12.08	.61	17¼
5.25	.27	5.60	.28	6.13	.31	6.30	.32	7.00	.35	7.88	.40	8.75	.44	10.50	.53	12.25	.62	17½
5.33	.27	5.68	.29	6.22	.32	6.39	.32	7.10	.36	7.99	.40	8.88	.45	10.63	.54	12.43	.63	17¾
5.40	.27	5.76	.29	6.30	.32	6.48	.33	7.20	.36	8.10	.41	9.00	.45	10.80	.54	12.60	.63	18
5.48	.28	5.84	.30	6.39	.32	6.57	.33	7.30	.37	8.22	.42	9.13	.46	10.95	.55	12.78	.64	18¼
5.55	.28	5.92	.30	6.48	.33	6.66	.34	7.40	.37	8.33	.42	9.25	.47	11.10	.56	12.95	.65	18½
5.63	.29	6.00	.30	6.57	.33	6.75	.34	7.50	.38	8.44	.43	9.38	.47	11.25	.57	13.13	.66	18¾
5.70	.29	6.08	.31	6.65	.34	6.84	.35	7.60	.38	8.55	.43	9.50	.48	11.40	.57	13.30	.67	19
5.78	.29	6.16	.31	6.74	.34	6.93	.35	7.70	.39	8.67	.44	9.63	.49	11.55	.58	13.48	.68	19¼
5.85	.30	6.24	.32	6.83	.35	7.02	.36	7.80	.39	8.78	.44	9.75	.49	11.70	.59	13.65	.69	19½
6.00	.30	6.40	.32	7.00	.35	7.20	.36	8.00	.40	9.00	.45	10.00	.50	12.00	.60	14.00	.70	20
6.60	.33	7.04	.36	7.70	.39	7 92	.40	8.80	.44	9.90	.50	11.00	.55	13.20	.66	15.40	.77	22
7.20	.36	7.68	.39	8.40	.42	8.64	.44	9.60	.48	10.80	.54	12.00	.60	14.40	.72	16.80	.84	24
7.50	.38	8.00	.40	8.75	.44	9.00	.45	10.00	.50	11[illegible]	[illegible]	[illegible]	.63	15.00	.75	17.50	.88	25

TABLE showing the number of quires to give out for jobs, from 50 to 5000 copies.

No. Req.	Sheet. qr.	sh.	Hf. Sh. qr.	sh.	3mo. qr.	sh.	4to. qr.	sh.
50	2	2	1	1	0	17	0	13
60	2	12	1	6	0	20	0	15
70	2	22	1	11	1	0	0	18
75	3	3	1	14	1	1	0	19
80	3	8	1	16	1	3	0	20
90	3	18	1	21	1	6	0	23
100	4	4	2	2	1	10	1	1
150	6	6	3	3	2	2	1	14
200	8	8	4	4	2	19	2	2
250	10	10	5	5	3	12	2	15
300	12	12	6	6	4	4	3	3
350	14	14	7	7	4	21	3	16
400	16	16	8	8	5	14	4	4
450	18	18	9	9	6	6	4	17
500	20	20	10	10	6	23	5	5
600	25	0	12	12	8	8	6	6
700	29	4	14	14	9	18	7	7
750	31	6	15	15	10	10	7	20
800	33	8	16	16	11	4	8	8
900	37	12	18	18	12	12	9	9
1000	41	16	20	20	13	22	10	10
1200	50	0	25	0	16	16	12	12
1500	62	12	31	6	20	20	15	15
2000	83	8	41	16	27	19	20	20
2500	104	4	52	2	34	18	25	1
3000	125	0	62	12	41	16	31	6
4000	166	16	83	8	55	14	41	16
5000	208	8	104	5	69	11	52	2
10000	416	16	208	10	138	22	104	4

No. Req.	6to. qr.	sh.	8vo. qr.	sh.	9mo. qr.	sh.	12mo. qr.	sh.
50	0	9	0	7	0	6	0	5
60	0	10	0	8	0	7	0	5
70	0	12	0	9	0	8	0	6
75	0	13	0	10	0	9	0	7
80	0	14	0	10	0	9	0	7
90	0	15	0	12	0	10	0	8
100	0	17	0	13	0	12	0	9
150	1	1	0	19	0	17	0	13
200	1	10	1	1	0	23	0	17
250	1	18	1	8	1	4	0	21
300	2	2	1	14	1	10	1	1
350	2	11	1	20	1	15	1	6
400	2	19	2	2	1	21	1	10
450	3	3	2	9	2	2	1	14
500	3	12	2	15	2	8	1	18
600	4	4	3	3	2	19	2	2
700	4	21	3	16	3	6	2	11
750	5	5	3	22	3	12	2	15
800	5	14	4	4	3	17	2	19
900	6	6	4	17	4	4	3	3
1000	6	23	5	5	4	16	3	12
1200	8	8	6	6	5	14	4	4
1500	10	10	7	20	6	23	5	5
2000	13	22	10	10	9	7	6	23
2500	17	9	13	1	11	14	8	17
3000	20	20	15	15	13	22	10	10
4000	27	19	20	20	18	13	13	22
5000	34	18	26	1	23	4	17	9
10000	69	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

COPYRIGHT, 1884, H. G. BISHOP.

cardboard, or 25c. [illegible]

Table

Z250
.B64

In mounting on cardboard, be sure and paste both paper and board, which will prevent curling up. It should be left in standing press or under weights over night.

Bishop, Henry Gold

BISHOP'S SPECIMENS OF JOB WORK FOR PRINTERS,

BEING SUGGESTIONS FOR SETTING UP

. . . . . Business Cards, Letter Heads,

. . . . . Bill Heads, Circulars,

And all kinds of DISPLAY ADVERTISING.

PRICE, TWO DOLLARS.

TO BE OBTAINED FROM H. G. BISHOP, ONEONTA, N. Y.,

AND FROM ALL TYPE FOUNDERS.

Z 250
.B64

COPYRIGHTED, 1890, BY H. G. BISHOP.

Lockwood Press, 126 and 128 Duane Street, New York.

Suggestions for Setting up Job Work.

IN THESE days of "Specimens of Printing," when so many printers are trying to outdo each other in producing examples of work of which for variety of design and brilliancy of color the world has never seen the like, it may appear rash to issue a specimen book of plain, everyday jobs and expect people to buy it.

But as I am thoroughly convinced that this "variety of design and brilliancy of color" style has been overdone, and that there is a great need to come back to good plain work, I now venture to put this book on the market and expect a very large and rapid sale. Not because it is better or even as good as others, from an artistic point of view, but because it will be more useful and so be better appreciated by the great mass of those who are trying to make a living in the printing business.

I do not claim that every job shown in the following pages is as nicely set up as it might be, nor do I deny that many of them are much below the quality of work which is being turned out by some good printers; neither do I claim that they are shown quite to the best advantage, owing to the fact that they had to be reproduced by photo process, and from originals that were somewhat defective in the presswork.

My object has been to present as varied an assortment of work as possible coming from different parts of the country, and thus embrace a larger variety of styles and a greater number of type faces than could have been procured had the jobs all come from one office.

These specimens are intended as suggestions to be improved upon rather than examples to be rigidly followed. Most job printers know the value of having something to look at when setting up a job from manuscript, and they know how this helps them in forming ideas as to sizes and styles of types, lengths of lines and general appearance.

In this book will be found a great variety of styles of setting up the same class of work. There are fifteen styles of note heads, nine styles of letter heads, ten styles of bill heads, and so on through the whole list of such jobs as come under the head of "everyday work." And when it is taken into account that every sample of a small job is also a sample of larger jobs set in the same style and proportions it will readily be seen how greatly the number of the samples may be multiplied.

There is no part of the printing business which is so difficult to explain, or to teach by written instructions, as that of job composition. Much depends upon personal aptitude, good taste, and the faculty of grouping the types so as to produce harmonious effect. There are, however, many points on which it will be well to touch.

SELECTION OF TYPES.

The selection of suitable faces of types is of first importance. There are some types which seem to be just made for certain classes of work, but would be entirely out of place if used on others. In selecting types the compositor must be guided by the nature of the business or profession of the customer. For lawyers, doctors, schools and institutions small plain faces are most suitable. For companies, corporations and State work larger plain faces will be more appropriate. For wholesale mercantile houses good, substantial, well formed faces, with just enough ornamentation to give them style, should be used, or some lines of script may be introduced to advantage. Retail tradesmen mostly prefer showy, ornamental faces with curves, panels and perhaps cuts which illustrate some portion of their business. Church and other religious work calls for old English texts and other ecclesiastical faces, of which there are many series.

But in every case it must be borne in mind that legibility is of more consequence than the most artistic arrangement or fanciful design. Where both can be obtained, of course, it is all right, but too often the former is sacrificed for the latter. There are plenty of good readable faces which have style and finish, and these should be chosen rather than those which have only flourishes to recommend them. An inferior workman will often try to cover up his deficiency by using the most fanciful types, but, alas, he only makes more manifest the poverty of his ideas.

ARRANGEMENT OF TYPES.

The next point to consider is the proper arrangement of the types so as to produce harmony and effectiveness.

In order to arrive at a proper result the sizes of the types and the lengths of the lines must be taken into account. In setting up a business card, bill head, circular, &c., the customer's name, business and address are the three most important points to bring out. These can be made equally prominent without using exactly the same size of types. A small line may be made just as legible as a large one by being a little heavier in face, or being placed in contrast with the still smaller types which are near it. Then the length of the line has much to do with its prominence. But where all of the types are of about the same size, and the lines of about the same length, the result is too much sameness and nothing which stands out distinctly.

SPACING OF CAPITALS.

The spacing of lines set in capitals is an important point to consider. A very simple rule, however, will easily secure good results in this respect; let the space between the words equal the thickness of the letter M of the type used, thus a wide faced letter will have a larger space between the words than a condensed face; and when a space is put between each letter the same space should be added between the words. The following examples will make this plain:

PROMINENT EARLY PRINTERS.

PROMINENT EARLY PRINTERS.

PROMINENT EARLY PRINTERS.

PROMINENT EARLY PRINTERS.

CATCH LINES.

Catch lines should have much less space each side of them than the principal lines of the job, thus:

EASTERN DEPARTMENT
OF THE
UNITED STATES ASSURANCE CO.,
57 LAUREL AVENUE.

DISPLAYED ADVERTISEMENTS.

In setting advertisements the greatest care should be taken to have the main points stand out so that they will quickly attract attention. This is more necessary than in ordinary job work, as a number of advertisements often appear on the same page, and any one of them is apt to be lost sight of where all are set up in similar style with nothing to distinguish them.

It is a bad plan to space out an advertisement to make it fill the whole of the space allotted to it, bringing the first and last lines almost close to the dividing rules; it will appear much better when there is space at the top and bottom, and this helps to keep it distinct from the advertisements above or below.

RULE AND FIGURE WORK.

A few specimens of rule and figure work have been given, as they may be helpful to those who are not accustomed to such work, and the following extracts from "The Practical Printer" will be found extremely useful in the same direction:

"When commencing a piece of table work it is well to move slowly. It should be carefully cast off to find what size type it will be necessary to

use, and each column should have its proper width in ems marked; where there can be any doubt as to whether some words or figures will come into any given space it is better to set them up and make sure; guessing will not do. The man who spends a proper amount of time in making these preparations will have his work finished before the man who neglects the precaution, although at first it may appear that the latter is half finished before the former starts.

"Where there are several columns which contain only figures it is better to set them in long lines than to set one column at a time. The number of ems of each column should be added together and the stick made up to that number of ems. For instance, suppose there are ten columns, and that their widths in brevier (or whatever type the table is being set in) are 3½, 4, 4, 4, 2½, 3, 5, 2, 4, 3 ems respectively, the stick should be made up to 35 ems of that sized type. A line of quadrats should then be set right across, divided according to the various widths of the columns. It will then be easy to set the figures in one line and yet keep them in proper position in their respective columns; after this the rules can easily be inserted by opening up a space between the columns with a knife or piece of brass rule.

"Space should always be allowed between the type and the rules; in the columns there should be at least an en space on either side, with an em at top and bottom. In the heads the same rule should be observed, though there may be more reason for departing from it in the case of a large number of words having to be crowded into a small space, as often happens.

"The type used for heads should be about two sizes smaller than that of the body where it can be so arranged.

"If the rules have to be cut, great care is needed in getting just the proper length, for if they are too short they will not look well, and if too long the table will not lift. The face of the rule should be dressed so as to avoid a curl on the end."

CONTENTS.

	PAGE.
ADDRESSED ENVELOPES,	42, 43
ADMISSION TICKETS,	64, 65
ADVERTISEMENTS, SPECIMENS OF,	127
ADVERTISING CONTRACT,	70
BANK DEPOSIT SLIPS,	99
BANK DRAFT,	73
BILL HEADS,	27–31
BLANKS, ORDER,	68–70
BLANKS, PRESCRIPTION,	95, 96
BRASS RULE WORK,	108–115
CARDS, BUSINESS,	44–49
CARDS, DIAMOND,	121, 122
CARDS, INVITATION,	54–58
CARDS, MENU,	76–79
CARDS, OPENING,	54, 55
CARDS, POSTAL,	83–85
CARDS, PROFESSIONAL,	50, 51
CARDS, VISITING,	52, 53
CERTIFICATE, STOCK,	107
CHECKS,	73, 74
CIRCULARS,	11–16
COVERS,	101–106
DANCE, ORDERS OF,	86–90
DEATH NOTICE,	100

Diamond Cards, ... 121, 122
Dodgers or Posters, ... 116–120
Envelopes, Addressed, ... 42, 43
Envelope Corners, ... 40, 41
Figure and Rule Work, ... 123–126
Invitation Cards, ... 54–58
Invitations, Wedding, ... 59–63
Labels, ... 91–94
Laundry Lists, ... 97, 98
Letter Heads, ... 22–26
Memorandum Heads, ... 35, 36
Menu Cards, ... 76–79
Note Heads, ... 17–21
Notes, ... 71, 72
Opening Cards, ... 54, 55
Order Blanks, ... 68–70
Orders of Dance, ... 86–90
Petition to Common Council, ... 71
Postal Cards, ... 83–85
Posters or Dodgers, ... 116–120
Prescription Blanks, ... 95, 96
Professional Cards, ... 50, 51
Programmes, ... 81, 82
Receipts, ... 37–39 and 66–69
Specimens of Advertisements, ... 127
Specimens of Brass Rule Work, ... 108–115
Statements, ... 32–34
Stock Certificate, ... 107
Tags, ... 75
Tickets, Admission, ... 64, 65
Visiting Cards, ... 52, 53
Wedding Invitations, ... 59–63
Wine List, ... 80

. . . SPECIMENS

. . OF . .

. . . . . JOB WORK . . .

YOUR ATTENTION

RESPECTFULLY INVITED.

We are endeavoring, by most earnest effort and particular attention to every detail of our business, to establish a reputation for

NOT DISAPPOINTING

our customers in any instance. Try us.

FIRST-CLASS WORK

AND FAIR DEALING.

ESTABLISHED 1872.

FIRST-CLASS HOUSES IN QUEST OF A RELIABLE FIRM WITH WHOM TO PLACE THEIR ORDERS FOR

PRINTING, LITHOGRAPHING, ENGRAVING, STATIONERY AND ACCOUNT BOOKS,

ARE INVITED TO CALL UPON OR SEND FOR US.

WE ARE QUICK AND RELIABLE.

TERWILLIGER & PECK.

TELEPHONE-254 21ST

ON AND AFTER MONDAY MAY 5TH, WE WILL CLOSE AT 7 P. M.

OUR ADDRESS—83 8th AVE.

OFFICE OF . . . . .

WEAR & BOOGHER DRY GOODS CO.

S. W. COR. SIXTH AND ST. CHARLES STREETS.

Saint Louis, August 1st, 1890.

Dear Sir:

We enclose you sample of

WORLD 9 OZ. DOESKIN JEANS,

At 22½ Cents,

NET 60 DAYS, OR 2 PER CENT. 10 DAYS, DATING FROM OCT. 1ST.

These JEANS are entirely new to the trade, being offered for the first time this season, and at THIS EXTREMELY LOW PRICE TO INTRODUCE THEM.

We enclose sample to show the quality of the goods. We can furnish them in the following colors, viz: STEEL, OXFORD, CADET, BLACK AND NATIVE.

We hope you will favor us with AN ORDER FOR THESE GOODS, believing you will be more than pleased with them.

The Merchant's Transportation Association will, within a few days, furnish you with a complimentary ticket to our city. We hope to have the pleasure of seeing you at an early date. Please call on us, we have some special inducements to offer.

Yours truly,

Wear & Boogher Dry Goods Co.

$150,000 PROFIT ON AN INVESTMENT OF $75,000.

Three Dollars FOR One

A SAFE, SURE, PROFITABLE INVESTMENT IN REAL ESTATE.

A RARE CHANCE TO MAKE MONEY.

ONLY A SMALL AMOUNT OF MONEY REQUIRED,

$250 WILL BUY A SHARE.

Autumn, 1887.

Albany, N. Y., September 1st, 1887.

Dear Sir:

Previous to the Fall Season, I would take this opportunity to direct your attention to our large and carefully selected stock of

THE MOST DESIRABLE AND FASHIONABLE GOODS

to be found throughout the State.

Knowing the importance of a complete stock, we have left nothing undone to place our line of

Silk, Soft, Stiff and Flexible Hats

above the standard of excellence.

In addition to the SOLE AGENCY *for*

Youmans' Celebrated New York Hats,

we have exclusive sale in this city of several other noted manufacturers' goods. Our long experience and the fact that customers have repeatedly expressed their satisfaction with these goods, gives us pleasure to positively affirm that no manufacturer can excel, if equal, these Special Lines.

In the several departments of

Fur and Plush Robes, Horse and Lap Blankets, Silk, Cloth and Scotch Caps, Trunks, Bags, Umbrellas and Gloves,

the established high standard will be maintained.

In due season we shall exhibit a rare selection of

Seal and Plush Sacques, Jackets and Wraps, Fur and Satin-Lined Garments, Fur Trimming, Caps and Gloves,

in all grades known to Fur Importers, and in qualities to satisfy the demands of a HIGH-CLASS TRADE.

In grateful acknowledgement of favors so liberally bestowed during the past, it gives me encouragement in my efforts to earn a continuance of the same, and trust to receive a share of your patronage, which I shall endeavor to reciprocate by prompt and judicious attention to any duties entrusted to me.

Very respectfully yours,

W. R. SCHERMERHORN.

21 North Pearl Street

BURDICK & TAYLOR PRINTERS ALBANY

Reading Room.
Parlor,
Correspondence Room,

Gymnasium,
Bowling Alleys,
Chess Room.

SAINT LOUIS
Young Men's Christian Association,
Pine and Twenty-ninth Streets.

YOUNG MEN'S MEETINGS,
Saturday, 8:00 p. m. Sunday, 4:30 p. m.
BIBLE STUDY,
Sunday, 3:30 p. m.
Building open, 8:30 a. m. to 10 p. m.; Sunday, 2:00 to 6:00 p. m.

NOTICE.

We desire to call your attention to a NEW FASHION BOOK, issued about April 1st, containing our LATEST STYLES of LADIES' COSTUMES IN SILK, WORSTED, GRENADINE, CLOTH AND WHITE MUSLIN, also a few SPECIALTIES IN MISSES' AND CHILDREN'S SUITS, which we shall mail free to our patrons during any part of April, May and June.

Respectfully,

B. ALTMAN & CO.

NOTICE OF REMOVAL.

In order to provide greater and more convenient accommodation for our constantly increasing trade in Washington, we have removed our office and sample room to

№ 1421 G STREET, N. W.,

IN BASEMENT, DIRECTLY UNDER THE BUILDERS' EXCHANGE.

Having thus acquired additional room, we have just made large additions to our samples and stock.

Our record of sales comprises hardware for a large majority of the important buildings, public and private. erected in Washington for the past few years, and we take pride in referring to them as evidence of our ability to serve all who may be in want of Builders' Hardware of reliable quality and tasteful designs.

Architects are especially invited to examine our samples, duplicates of which will be supplied when desired. When furnishing hardware for a building, it is our custom to leave with the Architect, upon request, a full set of samples of the hardware selected, which may be retained until the completion of the building.

Our new location will be found especially convenient to Builders, and our best efforts will always be directed to furnishing them at the lowest prices,—unrivalled facilities to accomplish this being furnished by the extensive business of our Boston house.

BURDITT & WILLIAMS,
BUILDERS' HARDWARE,
1421 G STREET, N. W.,
WASHINGTON, D. C.

BOSTON OFFICE AND WAREHOUSE.
NO. 20 DOCK SQUARE.

E. C. HOLSKE & Co.

Commission Stock Brokers,

540 WASHINGTON STREET, BOSTON.

Stocks, Bonds, Petroleum, and Grain Bought and Sold, or Carried in fractional lots on small Margin.

PRIVATE WIRE TO NEW YORK.

Boston, ...189

THE
MORGANS & WILCOX MFG. CO.,
MANUFACTURERS OF
WOOD TYPE AND PRINTERS' MATERIALS,
AND DEALERS IN
METAL TYPE, PRESSES, INK, &c.

COMPLETE OUTFITS FURNISHED.

WM. G. SLAUSON, PRESIDENT.
ROBERT COCHRAN, SEC'Y AND TREASURER.

IN ANSWER TO YOURS OF

MIDDLETOWN, ORANGE CO., N. Y., ... 188

BOSTON AMUSEMENT CO

ATHLETIC AND THEATRICAL ENTERPRISES
MANAGED ON LIBERAL TERMS.

• ROOM 3, • •
540 WASHINGTON STREET.

E. C. HOLSKE,
Manager.

Boston, Mass., ... 189

MYRON VAN BENTHUYSEN, PRESIDENT. | JAMES FORMAN, VICE-PRES. | JOHN HORROCKS, SEC. AND TREAS.

ATLANTIC KNITTING CO.,

COHOES, N. Y.

NEW YORK OFFICE—62 and 64 WORTH STREET,

In Charge of MR. R. A. NICKERSON.

New York, ... *189*

HENRY R KING,

REAL ESTATE AGENT AND BROKER,

NO. 60 CEDAR STREET,

New York, ... *189*

ESTABLISHED 1850

Office of

FACTORY AT WORCESTER, MASS

J. W. Brigham & Co.,

Manufacturers of

Boots and Shoes,

ADDRESS: P. O. Box 2409.

69 Pearl Street,

Boston, _____ *188*

Geo. M. Ramsey. | H. V. Bisbee. | A. McGarraghy.

EVERY DESCRIPTION OF

PRINTING

Executed promptly and in First-class Style.

RAMSEY & BISBEE

PROPRIETORS AND PUBLISHERS

THE CRAFTSMAN

Post Building, 10th & D Sts.

Neat and Tasty Designs in

Color Printing

And Fine Book Work Our Specialty.

Washington, D. C., 18

JAMES B. PETER,

ATTORNEY AT LAW.

AGENT FOR AND DEALER IN REAL ESTATE.

OFFICES, HOYT BLOCK.

East Saginaw, Mich., ... 188.

GOLDING & CO.

PRINTING MACHINERY

AND MATERIAL

FORT-HILL SQ.

Boston, _____ 1889.

ARTISTIC PRINTING . . .
SPECIALTY.

....., 1890.

OFFICE OF
A. E & H. E. DODGE,
MANUFACTURERS OF
FANCY LEATHER,
631 TO 637 SUMMER STREET.

LYNN, MASS., ... 189

vs

WILLIAM R. GUTHRIE. ALFRED A. GUTHRIE.
GUTHRIE & GUTHRIE,
ATTORNEYS AND COUNSELORS AT LAW,
ROOMS 9 & 10,
ALBANY COUNTY BANK BUILDING.

Albany, N. Y., 18

W. N. HASKELL,
PROPRIETOR.

Albany, N. Y., ... 188

TELEPHONE 254 21ST.

OFFICE OF

TERWILLIGER & PECK,

83 EIGHTH AVE., N. Y.

Steam Printers and Manufacturing Stationers.

Engraving on Wood and Steel. Lithographing. First-class Account Books.

BLACKBURN, WALLACE & CO.

COAL AND WOOD.

JOHN BLACKBURN.
ROBERT A. WALLACE.
J. T. D. BLACKBURN.

Albany, N Y., ... 188

OFFICE OF

The ST. LOUIS-CANADIAN PHOTOGRAPHER

2700
PINE STREET.

MRS. FITZGIBBON-CLARK, . PUBLISHER.
W. H. H. CLARK, . . . EDITOR.

A BEAUTIFULLY ILLLUSTRATED MONTHLY MAGAZINE,
$3.00 PER YEAR, IN ADVANCE.

ALL EXPRESS MATTER SHOULD BE SENT TO
1007-1009-1011 LOCUST STREET.

ST. LOUIS, MO., U. S. A., ... 18.....

ORGANIZED 1868.

UNCONDITIONAL REPUBLICAN CLUB,

NORTH PEARL AND STEUBEN STS.

EXECUTIVE COMMITTEE.

EMMET T. WATERMAN,
GEORGE STUART GREGORY, LEWIS B. HALL,
WILLIAM EDWARDS, RALPH P. LATHROP,
ROBERT D. WILLIAMS, A. RHODES ARMINGTON,
JACOB LONG. FREDERICK C. HAM.

UNCONDITIONAL CAMPAIGN CLUB,

NO. 466 BROADWAY.

HOWARD N. FULLER, President.
HARMON P. READ, First Vice-President.
LINNEUS H. BURDICK, Second Vice-President.
CHARLES L. WEAVER, Secretary.
WILLIAM J. BRYAN, Assistant Secretary.
WM. H. CULL, Corresponding Secretary.
WILLIAM J. FRIPP, Financial Secretary.
JOSEPH E. MOORE, Treasurer.

Albany, N. Y., ... *1888*

LOUIS WOLF.
ADOLPH ERLEBACH.

REGISTERED CABLE ADDRESS.
"WOLF, BOSTON."

LOUIS WOLF & CO.

MANUFACTURERS AND IMPORTERS OF

Photograph Albums,

EUROPEAN FANCY GOODS, ETC.

80, 82, and 84 PEARL STREET,

BOSTON,.....188

ILLUSTRATED WORK AND FINE PRINTING OUR SPECIALTY.

B. B. HERBERT, PRESIDENT.
AUGUSTINE DAVIS, SECRETARY.

National Journalist Publishing Co.

Publishers NATIONAL JOURNALIST,
21, 23, 25 Third Avenue.

Chicago.

ESTABLISHED 1850.

FACTORY AT WORCESTER, MASS.

Office of

J. W. Brigham & Co.,

Manufacturers of

Boots and Shoes,

69 Pearl Street,

JOHN W. BRIGHAM.
JOHN W. BRIGHAM, JR.

Boston, _____ 188

CAMPBELL & CLUTE.

MANUFACTURERS OF IMPROVED

KNITTING MACHINERY,

FOR LADIES' AND GENT'S

Knit Underwear, Jerseys, Etc.

45 MOHAWK STREET.

Cohoes, N. Y., 189

ESTABLISHED 1872.

Sam'l L. Downing & Co.

210 N. 7TH STREET.

Gold, Silver and Nickel

Platers,

Jobbers Silver Plated Flat Ware.

Oxidizing a Specialty.

St. Louis, _____ 1890.

Sold to _____

_____

Watches, Jewelry and Church Ornaments Gold Plated.

Jewelry of all kinds Restored to its Original Color.

ESTABLISHED IN 1798 BY PHILIP HEARTT.

HOWE & CO.

HARDWARE AND HOUSE FURNISHING GOODS,

WHOLESALE AND RETAIL.

Eastern Agents for Phillips & Clark Stove Co

181 & 183 RIVER STREET,

Troy, N. Y., _____ 188

THE EFFECTIVE ADVERTISER RECEIVED HIGHEST AWARDS AT ADELAIDE AND MELBOURNE EXHIBITIONS.

The Effective Publishing Company, Limited.

Managing Director:—PERCY J. T. SYMES.
To whom all communications should be addressed.

PUBLICATIONS.

The World's Printers' Stationers' AND Kindred Traders'

Effective Advertiser.

CERTIFIED CIRCULATION,
10,000.

The Office
(Weekly).
DEALING WITH
SHORTHAND, TYPEWRITING,
ACCOUNTANCY,
FOREIGN LANGUAGES,
AND
ALL OFFICE APPLIANCES.

A PRACTICAL JOURNAL
FOR PRACTICAL MEN.

The Cycling World
A WEEKLY NEWSPAPER
FOR WHEELMEN.

BOSTON, ... 18 .....

M .....

.....

PUBLISHED MONTHLY

SINGLE COPIES, 50 CTS.

PER ANNUM $5.00.

TO THE ARENA PUBLISHING CO. DR.

PIERCE BUILDING, COPLEY SQUARE,

BOSTON, MASS.

THE ARENA.

B. O. FLOWER, EDITOR.

AN EXPONENT OF MODERN THOUGHT.

ALBANY, N. Y., ... 18

M. .....

TO H. G. BISHOP, DR.

PUBLISHER.

The Practical Printer.
The Printers Order Book.
The Printers' Ready Reckoner.
Diagrams of Imposition

37 NORTH PEARL STREET.

Boston, _____ 189

Orders by mail or telegraph promptly answered.

Floral decorations of every description.

Bouquets, Wreaths, Crosses etc., to order at short notice.

TELEPHONE, BOSTON-215

Bought at TWOMBLYS, Florists,

161 TREMONT STREET.

WILLIAMS & POWERS,

PROPS.

KNIT OVERSHIRTS A SPECIALTY.

Forwarded by _____

Terms _____

AMERICAN ✻ HOSIERY ✻ MILL.

FINE KNIT UNDERWEAR.

Cohoes, N. Y., _____ 189

Sold to M _____

DAVID WILLIAMS
JOHN POWERS

BOSTON, ... 189..

M .....

.....

Bought of HORACE E. WALKER & CO.

MANUFACTURERS AND DEALERS IN

STOVES, RANGES, AND FURNACES,

STEAM AND HOT WATER HEATING.

17 AND 19 UNION STREET.

HOTEL COOKING APPARATUS

A SPECIALTY.

THE CAMBRIDGE BIBLE WAREHOUSE.

SOLE AGENTS FOR THE BAGSTER BIBLES.

New York, ... 18

.....

NOT RESPONSIBLE FOR GOODS SENT BY MAIL.
ALL CLAIMS FOR CORRECTION MUST BE MADE WITHIN TEN DAYS AFTER RECEIPT OF GOODS.

TERMS NET CASH.

James Pott.
Edwin S. Gorham.
James Pott, Jr.

Bought of

James Pott & Co., Publishers,

Nos. 14 & 16 Astor Place, near Broadway.

St. Louis, _____ 189__

Mr. _____

_____

To C. Lionberger, Dr.

Jobber of Fine Cigars.

Terms.

Office _____

Advertising Rates

$1.40 per Inch.

ONE MONTH

Liberal Reduction on Yearly Contracts.

481 BROADWAY,

Albany, N. Y., ... 188

To FERRIS PUBLISHING COMPANY, Dr.

PUBLISHERS OF

THE POULTRY MONTHLY.

SUBSCRIPTION,

$1.25 PER ANNUM.

SAM'L ALLSOPP & SONS, LTD.,
BURTON-ON-TRENT,
ENGLAND.

NEW YORK BRANCH:
No. 92 PEARL STREET.

ED. L. ZELL, AGENT.

TELEPHONE: 4935 CORTLANDT. | TELEGRAPH: ALLSOPPS.

New York, ... 189

Mr. .....

To Samuel Allsopp & Sons, Ltd., Dr.

TERMS CASH, ... **DAYS.**

CLAIMS, IF ANY, SHOULD BE MADE WITHIN 3 DAYS AFTER RECEIPT OF GOODS.

Loudonville, N. Y., ... 189

Mr. .....

An Account with R. J. LYNCH.

General Blacksmithing and Carriage Making.

HORSE-SHOEING A SPECIALTY.

MONTHLY STATEMENT.

BOSTON, ... 18.....

M .....

TO THE ARENA PUBLISHING COMPANY, DR.

FIERCE BUILDING, COPLEY SQ.,

BOSTON, MASS.

Folio, _____ STATEMENT. TELEPHONE 1184.

Terms, _____

LYNN, MASS., 189

Mr. _____

TO CONSOLIDATED FOLDING BED CO., DR.

156 NORTH STREET

ALEX HILL, Selling Agent. FACTORY, 40 FULTON STREET.

MONTHLY STATEMENT.

BOSTON, ... 189

IN ACCOUNT WITH HORACE E. WALKER & CO.

STOVES, RANGES, AND FURNACES,

STEAM AND HOT WATER HEATING.

Nos. 17 & 19 UNION STREET.

STATEMENT.

Cohoes, N. Y., ... 18

To Cohoes Gas Light Co. Dr.

OFFICE—NORTH MOHAWK ST

MONTHLY STATEMENT.

FOLIO.....

BOSTON, ... 189

Mr .....

To WILD & STEVENS, Dr.

MANUFACTURERS OF

INKING ROLLERS and COMPOSITION,

148 CONGRESS STREET.

MONTHLY STATEMENT.

ROWLEY, MASS., ... 189 ...

In acc't with J. C. FORBES,

MANUFACTURER OF

WOMEN'S, MISSES,' AND CHILDREN'S HEELS.

P. O. Box 131.

MONTHLY STATEMENT.

Boston, ... *188*

In account with **W. A. WILDE & CO.,**

PUBLISHERS,

25 Bromfield Street.

Telephone, Boston-215.

Nantasket, Mass., ... 1890.

In Account with **TWOMBLYS,**

FLORISTS,

MAKE ALL CHECKS PAYABLE TO W. A. TWOMBLY.

161 TREMONT STREET.

Albany, ... 18

Bought of **J. E. BARNUM,**

—Wholesale and Retail Dealer in—

CHOICE ✧ CREAMERY ✧ AND ✧ DAIRY ✧ BUTTER,

MILK, EGGS, POULTRY, FRUIT, ETC.

JERSEY BUTTER PUT UP IN SMALL PACKAGES.

TELEPHONE 640.

69 BEAVER STREET

MEMORANDUM.

ALBERT B. KING,
PRINTER AND STATIONER,
Book, Law and Job Printing, | Stationery and Blank Book Mfrg.,
87 & 89 William St., | 89 William Street,
Telephone Call, "Cortlandt 1875." NEW YORK.

..... 189

To .....

MEMORANDUM.

To .....

FROM

E. W. BIGELOW & CO.,
Dealers in Oils,
4 CENTRAL WHARF,
Boston, Mass., ... 189 ...

MEMORANDUM.

TELEPHONE CONNECTION. P. O. DRAWER, 74

—FROM—

L. WELDON & CO.,

—PROPRIETORS OF—

Clifton Mills Dyeing, Finishing & Bleaching Works

—ALL KINDS OF—

Knit Goods, Skein and Raw Stock Dyed by our Patent Machines.

SAMPLES Dyed Free of Charge. | ESTIMATES GIVEN. | BRANCH WORKS. Jamestown, N. Y.

Cohoes, N. Y., ... 188

To .....

MEMORANDUM.

PALMER & REY,

TYPE FOUNDERS.

Press Builders and Dealers in Printing and Bookbinding Machinery,

WOOD ENGRAVING AND ZINCOGRAPHING.

PORTLAND—1 TO 7 ALDER ST. GALVESTON—119 STRAND. NEW YORK—230 TEMPLE COURT.

PROPRIETORS OF
SAN FRANCISCO NEWSPAPER UNION, PACIFIC STATES ADVERTISING BUREAU
NORTHERN PACIFIC NEWSPAPER UNION

405-7 Sansome Street.

San Francisco, ... 189

To .....

Name .....

Date of Notice .....

.....18.....

Amount Due.

$.....

Sent by.....

.....Per Sec'y.

Office of P. S. of MAPLE VALLEY LODGE, No. 427, I. O. O. F.

Waterford, N. Y., ... 18

Brother .....

Your account for Dues to this Lodge, now amounts to the sum of $ ....., and it is made my duty to notify you thereof, and request its settlement.

Per Sec'y.

Received from

.....

.....Dollars,

for Rent of

.....for month

ending 18

Cohoes, 18

Received from .....

.....Dollars,

for Rent of .....

for month ending 18

.....

Cohoes, ... 18

NEIL & McDOWELL.

RECEIVED of

Boston, Mass., _____ 188

_____ Dollars,

In settlement of bills _____

$ _____

When goods are received, sign and return this to
HENRY S. RANKEN, Treas., Cohoes, N. Y.

NO. OF CASE.

New York, _____ 188

Received, from the **RANKEN KNITTING COMPANY,**

via. _____

_____ Cases Shirts and Drawers,

numbered as in margin

No. ..... Boston, ... 18.....

No. .....

Date, ...

Received of .....

To .....

..... Dollars

For Sub to .....

For Subscription to Young Men's Christian Association to .....

$ .....

..... Fin. Sec'y.

Cohoes, N. Y., _____ 188

Received of _____

_____ Dollars,

_____

_____

$ 100 _____

Discount Sheet and Prices from

BARNUM BROS. CO.

187 River Street,

TROY,

N. Y.

GILES BROS.
GENERAL JOB PRINTERS,
River and Fourth Streets,
TROY, N. Y.

INVOICE.

New York State Branch of the American Federation of Labor.

IN 5 DAYS RETURN TO
M. M. WATERMAN,
520 TWENTY-THIRD ST.,
WEST TROY, N. Y.

If not called for in a fortnight, Postmaster will please return within Catalogue to

R. HOE & CO.,
New York.

LOCKWOOD PRESS,
HOWARD LOCKWOOD & CO.,
Nos. 126 and 128 Duane Street,
NEW YORK.

PUBLICATION OFFICE

GEO. H. MORRILL & CO.,
PRINTING INK
MANUFACTURERS,
146 Congress Street, Boston.

If not called for in Ten Days, please return.

IF NOT DELIVERED, RETURN TO

GILES BROS., PRINTERS,
JUNCTION OF RIVER AND FOURTH STREETS,
TROY, N. Y.

THE HARNESS MANUFACTURERS'
PROTECTIVE ASSOCIATION
OF ALBANY, TROY AND VICINITY.

IF NOT DELIVERED, RETURN TO
J. J. CAMPBELL, SECRETARY,
102 CONGRESS STREET, - TROY, N. Y.

WILLISTON SEMINARY FOOT-BALL ASSOCIATION,
H. P. MOSELEY, MANAGER,
SLOCUM HOWLAND, CAPTAIN,
EAST HAMPTON, - - MASSACHUSETTS.

IN FIVE DAYS RETURN TO
SHNIEDEWEND & LEE CO.,
PRINTERS · WAREHOUSE
WESTERN AGENTS
The MacKellar, Smiths & Jordan Co.,
303-305 DEARBORN STREET,
46-48 THIRD AVENUE,
P. O DRAWER 653 CHICAGO.

Perkins, Goodwin & Co.
66 & 68 Duane St.
New York.

NATIONAL JOURNALIST PUBLISHING CO.,

21, 23, 25 Third Avenue,

CHICAGO, ILLINOIS.

C. P. BRATE.

Wholesale Paper Warehouse,

413 BROADWAY,

ALBANY N Y.

W. H. WRIGHT, JR.,

BUFFALO,

LOCK BOX 344. N. Y.

The Inland Printer Co.,

183 Monroe Street,

Chicago, Ills.

Bankers' & Traders' Accident Association,

JOSEPH W. ABBOTT, Secretary,

155 & 157 Broadway,

P. O. Box 758, NEW YORK

JAMES B. PETER,

East Saginaw,

LAW AND REAL ESTATE.
Offices 6 & 7 Hoyt Block.

Michigan.

ARTHUR ALLEN,

Contractor and Builder.

STORE FRONTS AND FIXTURES A SPECIALTY.

ALL JOBBING PROMPTLY ATTENDED TO.

Shop, 1106 East 18th Street, Residence, 2415 Kansas Ave.

Telephone 1188. KANSAS CITY, MO.

JACOB LEONARD & SON,

PRINTERS,

WHOLESALE PAPER DEALERS AND BOOKBINDERS,

605 & 607 BROADWAY, ALBANY, N. Y.

TELEPHONE 1066.

George W. Grove,

937 F Street Northwest,

Washington, D. C.

Publisher of

LEGAL . BLANKS,
PATENT . PENSION . AND
CLAIM . BLANKS,
CHECKS . NOTES . NOTICES . AND
RECEIPTS,
FOR . SALE . AND . RENT . CARDS,

JUSTICE . OF . THE . PEACE
NOTARY . PUBLIC . UNITED . STATES . COMMISSIONER . AND . REAL . ESTATE . BLANKS,
GROVE'S . AGREEMENT
FOR . BUILDING, SPECIFICATION . FOR . BUILDING . AND
OTHER . PUBLICATIONS.

Special Forms of any kind to order. Fine Printing and Engraving.

Established 1855. Incorporated 1883.

MARDER, LUSE & CO.,

CHICAGO TYPE FOUNDRY

AND

Dealers in Printing Material,

Northwestern Branch,
MINNEAPOLIS, MINN.

139-141 Monroe St., CHICAGO, ILLS.

PIERCE STEAM HEATING CO.

MANUFACTURERS OF

Steam and Water

Heating Apparatus.

Works and General Office, Buffalo, N. Y.
New York, N. Y., 94 and 96 Centre Street
Chicago, Ill., - - No. 55 Fifth Avenue.

NO. 42 OLIVER STREET,

J. A. GOODRICH, Selling Agent.

BOSTON, MASS.

HOMER & HAMMOND,

IMPORTERS AND RETAILERS

CROCKERY, CHINA AND GLASSWARE

CUTLERY, SILVER-PLATED AND FANCY WARES,

NO. 53 FRANKLIN STREET,

BOSTON, MASS.

G. H. PHILLIPS & CO

MANUFACTURERS OF

STOVES AND RANGES,

NOS. 533 & 535 RIVER STREET,

CORNER HOOSICK,

GEO. H. PHILLIPS,
WALTER A. CLARK

TROY. N. Y.

C. E. C. CREAMERY,

PURE MILK, CREAM, BUTTER, ICE CREAM,

Eggs and Pork Products,

Fresh from the C. E. C. Farm, North Beverly, every day; also a full line of

FRESH VEGETABLES IN THEIR SEASON.

BUTTERMILK, CHEESE AND CANNED GOODS.

C. E. CALDWELL, PROPRIETOR,

UNDER HOTEL BERKELEY, BOSTON.

Orders called for daily; delivered promptly.

The Central Clothing Co.

Strictly One Price.

62 & 64 State Street,

Morris Stern, Manager. Albany, N. Y.

Wirths Bro's & Owen.

ART PUBLISHERS.

32 Bond St.

New York,

AND 59 TELTOWER STREET, BERLIN.

PRESENTED BY

MERRILL'S PAT. { CAR ROOF, BUILDING ROOF,

MANUFACTURED ONLY BY

SILICON-TEXTILE ROOFING CO.,

GRAND PACIFIC HOTEL,

CHICAGO, ILL.

W. C. MERRILL,
GRAND PACIFIC HOTEL, CHICAGO.

D. A. PATTEN,
ASTOR HOUSE, NEW YORK.

H. K. GELHAAR. C. N. FLEMING. E. F. COWLES.

GELHAAR, FLEMING & COWLES,

∴ GENERAL ∴

PRINTERS

45 EXCHANGE STREET

OVER E. H. COOK CO.'S.

ROCHESTER, N. Y.

HOLMES & IDE,

MANUFACTURERS OF SPECIALTIES IN

FINE WHITE APRONS

FOR WOMEN'S WEAR,

TROY, N.Y.

NEW YORK SALESROOM, 27 GREENE STREET.
CHICAGO SALESROOM, 238 & 240 FIFTH AVE.
BOSTON OFFICE, 56 BEDFORD STREET.

ARTHUR B. COOK

STENOGRAPHER AND LAW REPORTER

DREXEL BUILDING
Wall and Broad Sts., (Room 89)
New York

NOTARY PUBLIC
TYPE WRITER COPYING

(OVER)

ESTABLISHED 1851.

W. G. METZEROTT & CO.

OLDEST AND MOST EXTENSIVE Music ESTABLISHMENT IN THE CITY.

No. 1110 F STREET, Through to 519 Twelfth St., N. W.

WASHINGTON, D. C.

PIANOS. ORGANS. MUSIC.

EVERYTHING IN THE MUSIC LINE.

SHULTZ-MILLER MFG. CO.

926 AND 928 COLLINS STREET,

STEEL WIRE BRUSHES
AND
STEAM PACKING.

ST. LOUIS.

CHARLES THOMPSON ROBERT MORRISON.

THOMPSON & MORRISON,

Attorneys-at-Law,

WASHINGTON, D. C.

WILLIAM R GUTHRIE ALFRED A. GUTHRIE.

GUTHRIE & GUTHRIE,

Attorneys and Counselors at Law,

ROOMS 9 AND 10,

Albany County Bank Building,

Elevator at Pearl St Entrance

ALBANY, N. Y.

JAMES C. ROGERS,

ATTORNEY-AT-LAW.

468 LOUISIANA AVENUE,

WASHINGTON, D. C.

IN THE ABSENCE OF MR. ROGERS, MESSRS. COMBS & KILGOUR WILL ATTEND TO HIS BUSINESS

HENRY G. BISHOP,

Albany, N.Y.,

U.S.A.

AUTHOR OF

THE PRACTICAL PRINTER

THE PRINTERS' READY RECKONER

THE PRINTERS' ORDER BOOK

DIAGRAMS OF IMPOSITION.

WRITER FOR "THE AMERICAN BOOKMAKER"

MR JOHN BASSETT.

EDITOR
"THE EFFECTIVE ADVERTISER,"
AND "THE OFFICE,"
60 LUDGATE HILL, E.C

WM. CARROLL EVANS,

ST. PAUL TYPOTHETÆ.

COMMERCIAL PRINTING COMPANY,
ST PAUL, MINN

GEORGE H BUCHANAN

OF GEORGE H BUCHANAN & CO
PRINTING

420 LIBRARY STREET PHILADELPHIA

HAIR DRESSING, CUTTING, CURLING
AND SHAMPOOING.

Miss Jennie Ryan,
78 Lancaster Street,
Cohoes, N. Y.

Mrs. William C. Woodburn.

Mrs. Sarah W. P. Chase.

Mrs. A. G. Bishop.

Mrs. P. C. Gilchrist,

Edw. H. Lisk,

Troy, N. Y.

Andrew J. Wegman,

Rochester, N. Y.

Mrs James H. Keyes.

Mrs. E. Reynolds

Nellie M. Ford.

Julie C. Ford.

Mrs. M. Keenan.

Mrs. Geo. D. Burton.

Mrs. Geo F Entler.

Mrs. M. Gurney.

Mrs. C. W. Bixby.

Mrs. Edwin D. Prentice.

INVITATION

THIS EXHIBITION IS NOT ADVERTISED.

Wednesday, March 21st, 1883.

OPENING OF SPRING STYLES IN

BONNETS AND ROUND HATS,

INFANTS' AND YOUNG CHILDREN'S FURNISHING GOODS.

CARRIAGE ENTRANCE, 13 EAST 19TH STREET.

E. A. MORRISON,
893 BROADWAY.

A. J. POST & SON,

SPRING, 1884

GRAND OPERA HOUSE
NEW YORK.
23D ST. & 8TH AVE.

MEN'S & BOYS' CLOTHING,
READY-MADE, AND TO ORDER.

YOU ARE INVITED TO CALL AND EXAMINE OUR SPRING AND SUMMER STOCK, WHICH IS NOW READY FOR INSPECTION. YOUR PARTICULAR ATTENTION IS DIRECTED TO OUR LINE OF LOW PRICED SUITS FOR MEN AND BOYS; ALSO OUR SELECTION OF PIECE GOODS, EMBRACING COATINGS, SUITINGS, &C., FOR FINE CUSTOM TRADE, WHICH EXCEL, FOR VARIETY, STYLE AND QUALITY, ALL FORMER EFFORTS

GRAND OPENING

Saturday, September 6th.

Angelica's Sample Room,

IMPORTED AND DOMESTIC

Wines, Liquors and Cigars,

+ 2031 Market Street. +

(N. E. CORNER TWENTY-FIRST).

C. D. Angelica, PROPRIETOR

LADIES PARLOR.

Saint Louis.

SPRING. **OPENING** SUMMER.

—OF—

Millinery,

Tuesday, Wednesday and Thursday, April 6, 7 and 8.

You are Respectfully Invited to Attend.

M. L. CUTLER, - - 540 Broadway.

THE

Plymouth Ave. Baptist Church,

COR. FLINT AND SEWARD STREETS.

SERIES OF SPECIAL MEETINGS.

TUESDAY EVENING, Preaching by Rev. J. W. A Stewart, of the First Baptist Church.

WED. & THUR. EVE., Preaching by Rev. A. S. Coats, Professor of Elocution in the Rochester Theological Seminary

FRIDAY EVENING, Preaching by the Rev. W. J. Reid, of the Alexander Street Baptist Church.

A Chorus of twenty voices, under the management of Mr. J. O. Fitch, will sing each evening, assisted by a Quartette of University Students on Friday Evening.

You are very cordially invited to attend these Services.

J. BUNYAN LEMON, PASTOR.

ROCHESTER, N. Y., JANUARY 20, 1890. 296 REYNOLDS STREET.

You are cordially invited to attend a

SURPRISE ✻ PARTY,

to be held at the residence of

Mr. Fred. Knuth, 85 Evergreen St.,

Friday evening, October 31, 1890.

Meet at the residence of

Miss Katie Koppelle, 12 Hayward Park,

at 7:30 o'clock, sharp

COMPLIMENTS OF COMMITTEE.

Ladies Please Provide.

You are very cordially invited to attend the meetings

of my Doctrinal Class, every Sunday afternoon at three o'clock. My plan of teaching is to have the class ask questions, and I answer them by reference to Scripture. Take as an illustration the subject of "Baptism."

ITS FORM. I would read Mark 1: 9, 10, and Matt. 3: 16, to show that Jesus was baptized by immersion; and Acts 8: 38, 39 to show that we also should be baptized that way. Some one might rise and ask if immersion is the only mode authorized in the Bible. That would lead me to point out John 3: 23, and Eph. 4: 5, and to prove it further by

ITS SIGNIFICANCE. I would read Rom. 6: 3-5, and Col. 2: 12, to show that baptism signifies the death, burial and resurrection of our Lord, which no other form but immersion can do. Some smart youth would be sure to ask how our Savior could ever have expected sensible mothers to run the risk of drowning their babies by immersing them in water if that is the only mode of baptism mentioned in the Bible. He will then learn for the first time that Baptists do not baptize infants, and from what I will say on

ITS RECIPIENTS, He will find by reference to Acts 2: 41; 8: 12, and Mark 16: 16, *et al*, that only *believers* should be baptized according to the teaching of the Bible.

Do not miss hearing an interesting discussion on each one of the important subjects mentioned on the other side of this card. I shall be glad to have you ask any question that may add interest to the discussion.

ROCHESTER, N. Y., MARCH 1, 1890. J. BUNYAN LEMON.

The Women's Missionary Society

ANNOUNCE A COURSE OF

··· BIBLE + READINGS ···

BY

MRS. H. P. VILES.

NOVEMBER	DECEMBER
3 *WIND.*	1 *MISSIONARY MEETING, Quarterly Offerings.*
10 *MY COVENANT.*	8 *WAITING.*
17 *SPIRIT AND FLESH*	15 *VICTORY.*
24 *WHY ARE YE TROUBLED?*	

IN THE LECTURE ROOM OF THE

FOURTH PRESBYTERIAN CHURCH,

NINTH STREET, BET. G AND H.

MONDAY AFTERNOONS, AT 3 O'CLOCK.

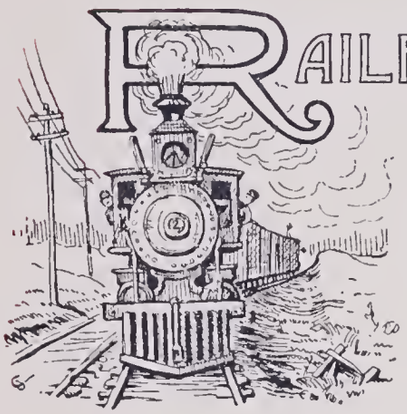
You are invited to attend the

Tabernacle Bible School

212 S. 4th Street.

Good Music—Pleasant Classes for Adults, Young People and Children.

All are Welcome



Railroad Men's Free Reading Room

126 S. 14TH STREET,

BETWEEN MARKET AND CLARK AVENUE.

OPEN FROM 8:30 A.M. TO 9:30 P.M. ST. LOUIS, MO.

Come In.

"for Christ and the Church."

You are cordially invited to attend the meetings of the

East Rochester Mission.

Sunday School,	3:30 p. m.
Preaching Service,	7:45 p. m.
Prayer Meeting, Thursday Evening,	7:45 p. m.

Prayer Meetings conducted by the Young People's Society of Christian Endeavor every alternate Thursday.

Mr. & Mrs. Wm. B. Sherman

request your presence at the marriage
of their daughter,

Mary E. Sherman

to

Fred M. Jenkins,

On Wednesday, December 5th, 1888,

at eight o'clock P. M.

Vail Avenue Baptist Church,

Troy, N. Y.

Mrs Minnie Robinson

requests your presence at the marriage

of her daughter

Dora,

to

Mr. Isaac Cohen,

On Sunday Afternoon, October Twelfth,

at one o'clock,

At her Residence, 173 First Street,

Troy, N. Y.

1890.

Mr. & Mrs. Seth Wells
invite you to be present
at the marriage of their daughter
Josephine
to
Mr. James Calvin Martin,
Wednesday afternoon, Nov. twelfth,
at five o'clock.
Garbutt, N. Y.
1890.

Mr. & Mrs. Alexander Ferguson

request your presence

at the marriage of their daughter

Cora Mae,

to

Mr. Charles C. Seibert,

Wednesday Evening, November 28th, 1888,

at half-past seven o'clock

Oakwood Presbyterian Church.

Tenth Street, Troy, N. Y.

Mr. and Mrs. G. W. Swart
request your presence at the marriage
of their daughter
Mary Anna,
to
Walter L. Brown,
Thursday Evening, June Nineteenth
at half-past eight o'clock.

GRAND AND DIVISION STS. 1884. ONEONTA, N. Y.

Mrs N L Henison
requests your presence at the marriage
of her daughter.
Carrie B.
to.
George Oliver,
Wednesday Evening, November twenty-eighth,
at nine o'clock,
at the M. E. Church, Bath.
1888.
At Home Dec. 12th. No. 166 Broadway, Bath.

· LADIES' COMPLIMENTARY ·

Autumn Meeting, 1890 · ◆ ·

No.....

Washington · Jockey · Club

· ◆ · Not Transferable

Issued to.....

* OCTOBER *

	21	22	23	24	25	27	28	29	30	31

SECOND ANNUAL PIC-NIC

—OF—

Sisterhood - Branch - 610,

ORDER OF IRON HALL,

AT WILKINS' GROVE, WEST ALBANY,

On Tuesday, July 16th, 1889.

TICKETS, — Including Dancing, — 15 CENTS.

If rainy to be held next fair day.

No.

GRAND

Variety Entertainment,

—AT—

UNION HALL, COR. HUDSON AVE. AND EAGLE ST.

Thursday Evening February 14th, 1889,

Under the Auspices of LONGFELLOW LITERARY LEAGUE.

TICKETS OF ADMISSION, - - 25 CENTS.

Entitling each holder to a chance on a fine Silver Watch.

MUSICAL DIRECTOR, W. A. PRATT

Biddle Market Mission Sabbath School

FIFTEENTH AND CARR STREETS.

CHILDREN'S DAY

June 8th, 1890. 3 o'clock p. m.

Admit Bearer

MY BROTHER'S KEEPER,

A DRAMA IN 3 ACTS,

WILL BE PRESENTED UNDER THE AUSPICES OF THE

Willing Workers of the Church of Christ,

CORNER JAY AND RIVER STREETS,

AT HARMONY HALL,

TUESDAY EVENING, MARCH 5TH, 1889.

TICKETS, 25 CENTS.

Compliments of ***Pratt & Letchworth.***

EXCURSION TO PARADISE GROVE,

Via Michigan Central Rail Road,

SATURDAY, JULY 26, 1890.

PRESENT THIS PASS TO TRAIN CONDUCTOR.

GRAND : BALL

At the School House Hall,

FRIDAY EVENING, NOV. 28, 1890.

ADMIT ONE.

Admission, $1. No.....

GRAND CONCERT

GIVEN BY

MISS ELLEN BEACH YAW.

RESERVED SEATS, 50 CENTS.

ADMISSION, 35 CENTS.

Cornell Bros.

CHECKS AND DRAFTS CREDITED AS CASH, ONLY WHEN PAID.

Oneonta, N. Y. 18

Received from .....

$ .....

Cornell Bros.

Per .....

Office of Treasurer, Lockport, N. Y.

NIAGARA NATURAL GAS LAND ASSOCIATION OF BUFFALO, N. Y. AT MARION, IND.

CAPITAL, - $45,000.

No. .....

Lockport, N. Y. 189

RECEIVED FROM ..... OF .....

..... DOLLARS,

$ .....

BUNDY & FORD,
INSURANCE AGENTS.

Oneonta, N. Y., ... 189

Received of

..... Dollars,

$ .....

Buffalo, N. Y. 189

RECEIVED OF ATLAS REFINING COMPANY,

..... 100 Dollars,

account of ..... pay-roll for the ..... half

Month of 189

$ .....

No. .....

BRUSH ELECTRIC LIGHT CO.

To *Dr.*

For services rendered as .....

in the month of 1890, ... *to* *inclusive,*

days at $ *per* $

Received payment in full,

Buffalo, ... 1890. .....

No. .....

..... 188

.....

.....

.....

$ .....

Riverside Knitting Mill

No. ..... Cohoes, N. Y. 188

Fuld & Bochlowitz,

Pay to .....

on account of labor .....

..... Overseers.

Queen City Council, No. 259, R. A.

$.....

Buffalo, N. Y...... *189*

ORDER OF

.....

FOR .....

.....

.....

No......

$..... *Buffalo, N. Y.*..... 189

To.....

Treasurer of Queen City Council No. 259, R. A.,

Pay to order of .....

..... *Dollars.*
100

For .....

..... *Regent.*

No...... ATTEST: ..... *Secretary.*

BENNETT & CARR,
DEALERS IN
Fine Clothing and Gents' Furnishing Goods.

Oneonta, N Y..... 188

Received from .....

..... Dollars.

$.....

THE WONDERLAND SOUVENIR.

ADVERTISING CONTRACT.

No. *18*

WONDERLAND SOUVENIR CO., Publishers.

Please insert ..... *advertisement in*

THE WONDERLAND SOUVENIR for one issue to occupy .....

For which ..... *agree to pay* ..... *Dollars,*

payable week of publication. Advertisement to be in the Gems of Wit.

B. A. CHURCH, M. D.
ONEONTA, N. Y.

Order No. Oneonta, N. Y., ... 188

Mr. F. C. Ward:

PAYMASTER A. & S. R. R.

PAY TO B. A. CHURCH, M. D. OR ORDER,

..... Dollars
100

AND CHARGE THE SAME TO MY ACCOUNT.

$ .....

$ ..... Oneonta, N. Y. 188

....., do hereby promise to pay

to the order of

WOMBAUGH, BURTON & HOUGH,

.....Dollars, at the

.....Bank, of Oneonta, N. Y.

in five annual payments of.....each.

The first payment to be made on the first day of July, 1887, and a like sum on the first day of July each year following until the balance is paid. No Interest. .....to have the privilege to discount this note at any time at six per cent per annum.

COLEGROVE, PRINTER, WESTCOTT BLOCK.

To the Honorable Common Council NO.

Of the City of Buffalo.

Gentlemen:

The undersigned, *being a property owner on* ..... *Street, does hereby petition your Honorable Body to substitute electricity for gas on* ..... *Street, between* ..... *and* ..... *Streets.*

Your petitioner will ever pray, etc.

Buffalo, ... *189* .....

OFFICE OF WASH H. CROSS, LOCKPORT, N. Y

$ ..... Lockport, N. Y. 189

On or before ..... *after date, for value received* .....

promise to pay to order of ..... *at*

Merchants Bank, Lockport, N Y

..... *DOLLARS,*

100

With interest at the rate of 6 per cent. per annum from date hereof. The drawers and endorsers severally waive presentment for payment, protest, and notice of protest, and non-payment of this note, and all defences on the ground of any extension of the time of its payment that may be given by the holder or holders of them or either of them.

Signed,

No...... *Due* .....

$ _____ _____ 189

..... *after date* ..... *promise to pay*

to the order of .....

..... **DOLLARS,**

At .....

Value received, with interest before and after maturity, at the rate of _____ *per cent per annum until paid. Interest payable annually.*

P. O. _____ _____

No. _____ *Due* _____ _____

Cohoes Iron Foundry and Machine Co.

Countersigned.

No. _____ Cohoes, N. Y., _____ 188 ____

Manufacturers Bank

OF COHOES.

Pay to the order of _____

_____ Dollars.

$ _____ _____

Manager.

ARGYLE ROLLER MILL.

No. _____ Argyle, Minn., _____

_____ Pay to the Order of

Farmers and Merchants Bank,

the sum of _____ 100 DOLLARS,

For value received, and charge same to the account of

To _____

_____

_____

Richmond Milling Co.

$

CASHIER ACCOUNT.

Cohoes, N. Y., ... 189....

THE NATIONAL BANK OF COHOES.

PAY TO..... DISCOUNT NOTE.

..... Dollars,

$

CLARK, PRINTER.

Cohoes Gas Light Company.

No. .....

Office of the COHOES GAS LIGHT COMPANY.

Cohoes, N. Y., ... 189....

M.. .....

Please deliver .....

.....

.....

and send bill with same, and charge Cohoes Gas Light Company.

SEND NO GOODS WITHOUT WRITTEN ORDER
AND A BILL WHEN DELIVERED.

Yours &c

FROM

Cummings Cement Works

AKRON, N. Y.

FROM

HAYES & POTTER,

MANUFACTURERS OF

FINE HAVANA CIGARS!

Westcott Block, ONEONTA, N. Y.

FOR

FROM

A. VERBONCOEUR & CO.

General - Merchants,

ARGYLE, MINN.

FROM

TRAVERS' BRO'S,

WHOLESALERS IN

SHELL OYSTERS & CLAMS.

108 and 110 Niagara St., BUFFALO, N. Y.

Thanksgiving Dinner. 1890.

Miss Welch's Private Boarding House, Cohoes, N. Y.

MENU.

Oysters on Half Shell:

Oyster Soup.

Baked Salmon Trout. White Sauce.

Boiled Leg of Mutton. Caper Sauce.

Roast Beef.

Roast Turkey. Cranberry Sauce.

Roast Duck with Currant Jelly.

Chicken Salad.

Spanish Rice with Peaches.

Baked Sweet Potatoes. Mashed Potatoes. Fried Parsnips.

Tomatoes. Celery. Peas. Turnips.

Lettuce. Assorted Pickles. Horse Radish.

Picalilli Tobasco Sauce. Olives. Worcestershire Sauce.

Boiled Plumb Pudding, Brandy Sauce. Mince Pie.

Lemon Meringue Pie. Sage Cheese. Block Ice Cream.

Sponge Cake. Ladies' Cake.

Ladies' Fingers. Fruit Cake. Lemon Jelly. Grapes. Raisins,

Oranges. Apples. Assorted Nuts.

Tea. Café Noir.

The Doolittle House.

OSWEGO, N. Y.

SUPPER.

Cocoa. Green Tea. Black Tea. Coffee.

BROILED.

Beef Steak. Mutton Chop. Pork Chop. Rasher of Bacon.
Sugar Cured Ham. Beef Steak with Onions.

FRIED.

Liver and Bacon. Sausage. Salt Pork. Tripe.
Corned Beef Hash. Ham.

MISCELLANEOUS.

Boston Baked Beans. Pig's Feet. Stewed Kidneys.
Smoked Beef, Frizzled.

COLD.

Boiled Ham. Roast Beef Tongue. Corned Beef. Lamb.

FISH.

Salt Mackerel. Minced Codfish. Whitefish. Pan Fish.

EGGS.

Scrambled. Fried. Boiled.
Omelets.
Plain, with Ham
Kidney. Jelly Cheese. Parsley.

POTATOES.

Baked. Fried. Stewed in Cream.

BREAD.

Buttered, Dry and Dip Toast. Milk Toast. Tea Rolls.
Wheat Bread. Graham Bread. Waffles.

HOURS FOR MEALS.

Breakfast from 6 until 10. Dinner from 12.30 until 2.30. Supper from 6 until 9.30

SUNDAY.

Breakfast from 8 until 10. Dinner from 1 until 2.30. Supper from 6 until 7

All dishes served are cooked to order.

DRINKING WATER FROM THE CELEBRATED DEEP ROCK SPRING.

Meals and fruit sent to room charged extra.

Menu

Blue Points on Shell.

Soup. Consomme Printanier

Celery.

Boiled Kennebec Salmon au Sauce Royale.

Queen Olives.

Boiled Leg Lamb aux Capres.

Boston Chips.

Roast Haunch Shropshire Mutton, Brown Gravy.

Roast Young Turkey, Cranberry Sauce.

Potatoes, A La Delmonico.

Relishes, English Sauces, &c.

Menu

Vienna Fritters, Sauce Cordiale.

Rice Croquettes.

Roast Red Winged Teal au Gelee Marmalade.

Orange Water Ice. Glace Fraiser.

Plain, Fancy and Assorted Cake.

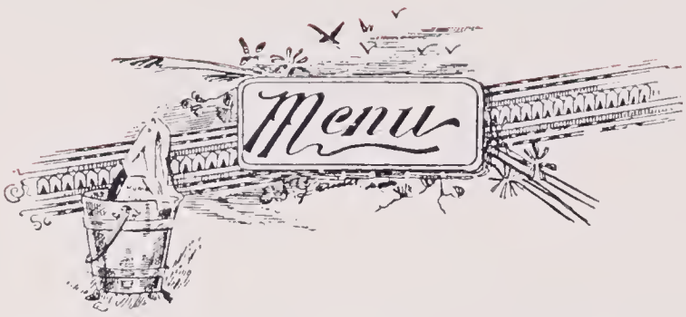
Fruits. Nuts

Cafe Noir.

Cigarettes. Cigars

Lemonade.

THE WHEELOCK



"A joint of mutton, and any little tiny kickshaws, tell William cook."
—*Shakespeare.*

BLUE POINTS, DEEP SHELL
RADISHES

CONSOMME, JARDINIERE

FRESH LOBSTER, A LA HOLLANDAISE

BROILED SHAD, STEWARD SAUCE
CURLED POTATOES CUCUMBERS

ROAST YOUNG CHICKEN, WITH DRESSING
BAKED MASHED POTATOES CAULIFLOWER

ESCALLOPED OYSTERS IN SHELL

SWEETBREADS, PIQUE, WITH NEW GREEN PEAS

FROZEN TOMATOES, MAYONNAISE

Punch

BROILED QUAIL ON TOAST
LETTUCE, FRENCH DRESSING

"The daintiest last, to make the end most sweet"—*Shakespeare.*

STRAWBERRIES, WITH CREAM FANCY ICES

CREAM ROLLS CAKE

FRUIT

ROQUEFORT CHEESE CRACKERS

COFFEE APPOLLINARIS

THE GENESEE.

WINE LIST.

CHAMPAGNES.

	Pts.	Qts.
Perrier-Jouet, Special	$1 75	$3 50
Clicquot, Yellow Label	1 75	3 50
Monopole, Extra Dry	1 75	3 50
Moet & Chandon, White Seal	1 75	3 50
Mumm's Extra Dry	1 75	3 50
Pommery "See"	1 75	3 50
Piper Heidsieck "See"	1 50	3 00

CLARETS.

Floriac Barton & Guestier	$ 60	$1 00
Medoc, " "	75	1 25
St Julien "	90	1 75
Pontet-Canet " "	1 25	2 00
Chateau DeBeycheville "	1 75	3 25

SAUTERNES.

Sauterne, Barton & Guest.	$ 90	$1 75
Haut Sauterne, "	1 25	2 25
Chateau Latour Blanche, Barton & Guestier	1 75	3 25
Chateau Yquem	2 00	3 50

BURGUNDIES.

Pommard, C. Marey & Cte.	$1 00	$1 75
Chablis (White) " "	1 25	2 25
Chambertin " "	1 75	3 25

RHINE WINES.

Laubenheimer	60	$1 00
Niersteiner	80	1 50
Liebfraumileh	25	2 00
Marcobrunner	75	3 00

SHERRY WINES.

Fine Table Sherry	$1 00	$2 00
Amontillado	1 25	2 50

PORT WINES.

Fine Table Port	$ 75	$1 50
Sandeman & Co., old	1 00	2 00

BRANDIES WHISKIES. ETC.

	Qts.
Bermuda Rye Whiskey	$2 00
Old "Pepper" Whiskey	2 50
Hermitage '81 Whiskey	2 50
Old Crow Bourbon Whiskey	2 00
Scotch Whiskey, fine old	2 50
Irish Whiskey	2 50
Holland Gin	2 00
Old Tom Gin	2 50
Old St. Croix Rum	2 00
Old Jamaica Rum	2 00
S. O. P. Brandy	3 00

MALT LIQUORS, ETC

Guinness' Stout	$0 25
Bass' Ale, White Label	25
Bass' Ale, Dog's Head	25
Scotch Ale,	25
Imported Kaiser Beer	25
Imported Pilsner	25
Imported Tivoli	25
Weyand's Extra Beer	15
Weyand's Cafe Beer	15
Imported Ginger Ale	25
Champagne Cider	30 50

CORDIALS

Vermouth	per glass,	$ 20
Absinthe	" "	20
Curacoa	" "	20
Maraschino	" "	20
Chartreuse (Yellow)	" "	20
" (Green)	" "	20
Benedictine	" "	20
Kirschwasser	" "	20
Kummel "Gilka"	" "	20
Creme de Menthe	" "	20

MINERAL WATERS.

	Pts.	Qts.
German Seltzer, Jugs	$	$ 40
Appolinaris	25	40
Clysmie	25	40
Hathorn	25	
Congress	25	
Hunyadi	50	
Delatour Soda	25	

St. Patrick's Day.

Music, - - - - Piano Duet
MISSES KATE McSWEENY AND FRANKIE O'BRIEN.

The Day We Celebrate, - - REV. R. SWEENY

Solo, - - - - Home Rule
ED. J. FISK.

The United States Government, - HON. T. E. TARSNEY

Hon. W. E. Gladstone, - - HON. C S. DRAPER

Violin Solo, - - - - Selection
PROF. B. FAEDER.

Recitation, - - - ANDREW WILDMAN

Selection, - - - - BANJO CLUB

The City of East Saginaw - HON. H. M. YOUMANS

The Ladies. - - HON. GEO. F. LEWIS

Music - - - Male Quartette
MESSRS. ED. J. FISK, THOMAS F. RAY, T. BENNETT,
AND J. KANALY.

Recitation, - - - H. G. BISHOP

Home Rule, - - - J. H. DAVITT

COURIER CO., PRINTERS

PROGRAMME.

OVERTURE DRAMATIC, - - - - *Keler Bela.*

ENGLISH HONOR—Salutatory Address with Essay,
"Human Beings as Parts of Space," MISS LOTTIE E. MCKAY.

SERENADE. - - "At the Ferry," - *Milton Wellings.*

ADDRESS TO THE CLASS, - - - - HON. A. S. DRAPER,
State Superintendent of Public Instruction,

WALTZ, - - "Abunden," - - *Waldteufel.*

LATIN HONOR—Essay with Valedictory Addresses,
"Our Ten Talents, - - - MISS MARY E. KNOWLSON.

PATROL, - "The Continental Guards," - *Bender.*

PRESENTATION OF DIPLOMAS, - - - - PRESIDENT ALBERT SMITH.

AWARD OF PRIZES,-- - - - - PRINCIPAL LEIGH R. HUNT.

MARCH, - - - "Narcissus," - - *Brandeis.*

PROGRAMME.

PART I.

1. *Lecture,* - - - - *Mr. D. R. Niver*
2. *Song,* - - - *Miss Spiegel*
3. *Recitation,* - - - *Miss Hiney*
4. *Duett,* - - - { *Mrs. Emmons* / *Miss Shoudy* }
5. *Song,* - - - *Mr. Fred Herzog*
6. *Recitation,* - - *Mr. H. G. Bishop*
7. *Song,* -- - - - *Miss LaBoute*
8. *Recitation,* - - *Florence S. Bleecker*
9. *Song,* - - - - *Mr. D. R. Niver*
10. *Recitation,* - - *Edith Bradley*
11. *Duett,* - - - { *Mr Fred Herzog* / *Mr. H. G. Bishop* }
12. *Recitation.* *Gardiner Pratt*

PROGRAMME.

PART II.

Tableau—"Feeding,"—The Whole Company
Toast—"The Firm." - *Mr. D. R. Niver*
Response, - *Mr Jacob Leonard*
Toast—"Mr Jesse H. Leonard"
Wishing him success in his travels.
Mr H. G. Bishop
Response, - - *Mr Jesse H. Leonard*
Toast—"The Ladies," *Mr C. E. Bleecker*
Response, - - - *Mr. Fred Herzog*
Toast—"Success to Our Business."
Mr. Jesse H. Leonard
Response, - - - - *Mr H G Bishop*

GREAT PEDESTRIAN EXHIBITION

Moylan,	*Crowley,*
Pratt,	*Humphrey,*
Bleecker,	*Newcomb*

Judges. - - - - - { *Miss Bleecker* / *Master Bishop* }

The whole to conclude with
THE STAR SPANGLED BANNER,
Led by Mr D R. Niver

ALBANY TYPOTHETÆ.

A regular meeting of this association will occur on Tuesday evening next, ..., at eight o'clock. Please attend and present any subject which you may believe should be considered.

Myron H. Rooker, Pres't.

Linnæus H. Burdick, Sec'y.

Buffalo, ... *1890.*

Dear Sir:

Please call at our office on or about

..... *to see us in reference to*

.....

.....

.....

Name. .....

Address. .....

Protestant Hospital Association,

1011 N. EIGHTEENTH STREET.

St. Louis, ... 188..

We acknowledge with thanks your kind contribution of ..... Dollars, through .....

Respectfully,

THE BOARD OF DIRECTORS.

Brooklyn, ... *189*

THIS IS TO CERTIFY that

M .....

has been appointed a delegate from .....

..... *Sunday School,*

to the KINGS COUNTY S. S. CONVENTION, which meets in the Lafayette Avenue Presbyterian Church, corner of Lafayette Avenue and Oxford Street, November 20th, 1890.

.....

Supt.

No. 119 Pearl Street.

New York, November, 1890.

M .....

To **The Twilight Club,** Dr.

Annual Dues for 1890–91, ... $3.00

(TO COVER PRINTING AND POSTAGE.)

Received Payment,

.....

ONEONTA, N. Y., ...188

Received from.....,

.....cts., *for the* NEW YORK SUNDAY TRIBUNE

from the..... *of* ..... *until the*..... *of*

.....

Received payment,

H. C. WHITMAN & SON.

H. C. WHITMAN, R. L. WHITMAN } *Agents.*

pr .....

CONCERT PROGRAMME

MILITARY BAND.

La Reine de Saba.....*Gounod.*

Overture, "Der Tambour der Garde,".....*A. E Titl.*

Grand Selection, "La Vestale,".....*Mercadante*

Selection, "A Night in Granada,".....*Kreutzer.*

ORDER OF DANCE.

1. Grand March.....
2. Lanciers.....
3. Waltz.....
4. Quadrille.....
5. Polka Military.....

PROMENADE.

6. Waltz.....
7. Lanciers—Saratoga.....

ORDER OF DANCE.

8. Schottische.....
9. Quadrille Diagonal.....
10. Redowa.....

PROMENADE.

11. Yorke.....
12. Lanciers.....
13. Waltz.....
14. Quadrille.....
15. Mazourka.....
16. Lanciers—Saratoga.....
17. Polka.....
18. Quadrille Waltz.....
19. Waltz.....Pleasant Dreams.

Programme.

GRAND MARCH—FOR DELEGATES ONLY.

1	Quadrille,	Grand Lodge.
2.	Lanciers,	New York.
3.	Quadrille,	New Jersey
4.	Waltz.	Ohio.
5.	Portland Fancy,	Indiana.
6.	Quadrille,	Michigan.
7.	Lanciers,	Illinois.
8.	Schottische	Iowa.
9.	Virginia Reel.	Wisconsin.
10.	Quadrille,	Nebraska.
11.	Lanciers,	Kansas.
12.	Polka,	Missouri.

"ALL ABOARD!" FOR SUPPER.

13.	Quadrille,	Colorado.
14.	Lanciers Quadrille,	Texas.
15.	Virginia Reel	Grand Lodge, O. R. C.
16	Waltz,	Grand Lodge, B. L. E.
17.	Quadrille,	Grand Lodge, B. L. F.
18.	Lanciers,	O. N. Bates.
19.	Portland Fancy,	J Stanley Brown.
20.	Schottische,	Capt. Wood.
21.	Quadrille,	Prof. N. N. Bull.
22.	Lanciers.	Dr. Ives.
23.	Waltz,	Susquehanna House.
24.	Quadrille,	Farewell to the Delegates.

Engagements.

1 .....
2 .....
3 .....
4 .....
5 .....
6 .....
7 .....
8 .....
9 .....
10 .....
11 .....
12 .....

SUPPER.

13 .....
14 .....
15 .....
16 .....
17 .....
18 .....
19 .....
20 .....
21 .....
22 .....
23 .....
24 .....

ORDER OF DANCE.

1. Grand March ..... Welcome All
2. Quadrille ..... Our Brotherhood
3. Lanciers ..... To the Contestants
4. Waltz ..... Our Lady Friends
5. Quadrille ..... B. of L. E
6. Polka ..... Co-Operative Store
7. Waltz Quadrille ..... Our Visiting Brothers
8. Saratoga Lanciers ..... D. H.. Mi
9. Portland Fancy ..... O. R. C
10. Waltz ..... Fast Time
11. Quadrille ..... Oneonta Home Guard
12. Schottische ..... Our Guests
13. Lanciers ..... Double Header to Supper

INTERMISSION.

14. Waltz ..... Our Grand Lodge
15. Quadrille ..... Our M. M
16. Virginia Reel ..... Short Trips
17. Galop ..... B. R. R. B
18. Quadrille ..... The Fire Department
19. Lanciers ..... The National Guard
10. Waltz ..... Our Orchestra
21. Sicilian Circle ..... Happy Hours
22. Quadrille ..... Our Patrons
23. Waltz ..... Home, Swect Home
24. Quadrille ..... Have You Company?

ENGAGEMENTS.

1 .....
2 .....
3 .....
4 .....
5 .....
6 .....
7 .....
8 .....
9 .....
10 .....
11 .....
12 .....
13 .....

INTERMISSION.

14 .....
15 .....
16 .....
17 .....
18 .....
19 .....
20 .....
21 .....
22 .....
23 .....
24 .....

Program.

1—Quadrille.
2—Centennial Lanciers.
3—Waltz.
4—Quadrille.
5—Schottische.
6—Portland Fancy.
7—Spanish Waltz.
8—Lanciers.
9—Waltz Quadrille.
10—Quadrille.

INTERMISSION.

11—Polka.
12—Saratoga Lanciers.
13—Quadrille.
14—Waltz.
15—Centennial Lanciers.
16—Schottische.
17—Quadrille.
18—Waltz.
19—Lanciers.
20—Quadrille.

PECK, PRINTER.

Engagements.

1 .....
2 .....
3 .....
4 .....
5 .....
6 .....
7 .....
8 .....
9 .....
10 .....

INTERMISSION.

11 .....
12 .....
13 .....
14 .....
15 .....
16 .....
17 .....
18 .....
19 .....
20 .....

Order of Dancing.

1 Quadrille.....to the B. P. C.
2 Lanciers.....
3 Quadrille Walk Around.....
4 Schottische .....
5 Quadrille Irish.....
6 Caledonians.....to our Hostess
7 Quadrille Cheat.....
8 Polka .....
9 Varsouvienne .....
10 Lanciers Saratoga .....
11 Quadrille Basket.....
12 Cicilian Circle.....to the Committee
13 Potpourri .....

Order of Dancing

14 Waltz.....
15 Monie Musk.....
16 Quadrille Irish.....
17 Lanciers.....to O'Brien & Molloy
18 Quadrille Cheat.....
19 Virginia Reel.....
20 Polka .....
21 Quadrille Basket.....
22 Lanciers.....
23 Quadrille Walk.....
24 Schottische.....to J. A. D.
25 Caledonians.....
26 Quadrille.....Home

ORDER OF DANCING.

PROMENADE.

1. Waltz .....
2. Lanciers. .....
3. Schottische .....
4. Quadrille. .....
5. Polka. .....
6. Caledonians. .....
7. Yorke. .....
8. Lanciers .....
9. Waltz. .....

ORDER OF DANCING

PROMENADE.

1 Waltz. .....
2 Caledonians. .....
3. Polka. .....
4. Quadrille Waltz. .....
5. Mazourka. .....
6. Lanciers, Saratoga. .....
7. Waltz. .....
8. Quadrille. .....
9. Waltz. .....

"What is worth doing at all, is worth doing well."

Promptness, Accuracy, Neatness.

Best Work at Reasonable Prices.

FROM

W. H. WRIGHT, JR.

BOOK AND JOB PRINTER,

293 Washington Street,

BUFFALO, N. Y.

Orders by Mail will receive Prompt Attention.

FROM E. H. LISK'S

PRINTING HOUSE,

Cor. Fulton St. & Fifth Ave., TROY, N. Y.

FROM

L. BARTA & Co PRINTERS

BOOK AND JOB

148 HIGH STREET, BOSTON.

MOURNING SCARFS.

G.F.LAWTON
TROY, N.Y.

CAPS
MADE TO ORDER.

PRACTICAL HATTER.
SILK AND DERBY HATS
MADE TO ORDER.

REPAIRING PROMPTLY DONE.

GEO. F. LAWTON

HATS IRONED WHILE YOU WAIT.

No. 2 SECOND STREET,
CORNER RIVER,
(UP-STAIRS.)
TROY, N. Y.

MANTES'

FRENCH FLUID,

FOR CLEANSING

Silk and Woolen Goods,

KID GLOVES, ETC.

Also will remove Paint, Grease or Stains without injury to the Finest Fabric or Most Delicate Color.

DIRECTIONS.

Brush the article well, then apply with a sponge; rub until stains are removed.

PUT UP BY

PALMA CHRISTI.

DIRECTIONS.

One teaspoonfull in half-a-tumbler of cold water, three times a day. Should this dose be insufficient to produce the desired result, it should be increased to two teaspoonfulls on each occasion, and be taken in the same quantity of water.

Private Library

of

LOUIS W. MARCUS.

No.

ITALIAN OIL.

Great Remedy for Pain!

Warranted to Cure

Rheumatism, Sprains, Pain in the Back, Chest and Limbs, Chilblains, Frost Bites, &c.

DIRECTIONS.—Bathe the parts affected 2 or 3 times daily and rub briskly with the hand 3 to 5 minutes at each application, and a sure cure is the result.

Keep the Bottle Corked.

PRICE 25 Cts. per Bottle.

Style

LADIES'

FINE MERINO

VESTS.

½ DOZ.

Size

"SCOURINE"

The best Polish on Earth for Scouring and Polishing all kinds of Metals, Brass, Copper and Tinware.

For sale by all Grocers.

PRICE 10 CENTS.

Manufactured and put up by

The Scourine Manufacturing Co., Kansas City, Mo.

DIRECTIONS.

Apply with a damp cloth and rub until dry.

BALM OF GILEAD AND TOLU SYRUP

For the CURE of

Coughs, Colds, Influenza, SORE THROAT, Asthma, Croup, Liver Complaint, &c.

PREPARED BY

J. BISHOP

ONEONTA,

Otsego County, N. Y.

PRICE 75c.

Directions FOR USE.

FOR ADULTS.

From ten to thirty drops once in two hours, until relief is obtained.

FOR CHILDREN.

From six to fifteen drops.

For Croup, double the dose.

PREPARED BY

J. BISHOP

ONEONTA,

Otsego County, N. Y.

H. O. GILBERTSON,

Druggist & Pharmacist.

CITY DRUG STORE, ARGYLE, MINN.

Prepare for _____

R _____

_____ M D

NO. _____ DATE _____

Prescriptions accurately compounded

☞ Bring this to the City Drug Store. : : : :

M. H. NOVOTNY, PRINTER, ARGYLE, MINN.

O. K. DRUG STORE,

ARGYLE, : : MINN.

Prepare for _____

R _____

_____ *M. D.*

No. _____

Date, _____ *1889.*

Physician's Prescriptions Accurately Compounded at All Hours.

M. H. NOVOTNY, PRINTER, ARGYLE MINN.

* O. K. PHARMACY *

D. ROBERTSON, PROPRIETOR.

ARGYLE, : MINNESOTA.

J. J. STONE, M. D.

Dr. James Stoughton,

NO. 573 SECOND AVENUE,

OFFICE HOURS: 9 to 10 A. M., 1 to 2 and 6 to 8 P. M.

No. ..... Date, ...

℞ .....

.....

.....

.....

.....

.....

.....

.....

.....

Rep. .....

..... M. D.

Telephone 778. Established 1880.

GEO. SCHIMMEL'S

STAR LAUNDRY COMP'Y

1617 HOLMES STREET.

Kansas City, Mo. ..... 1890.

Mr. .....

Address .....

When Wanted .....

No	ARTICLES.	Amount.		No.	ARTICLES.	Amount.	
....	Shirts, plain.....10	....	....	....	LADIES' LIST.	....	....
....	" woolen.....10	....	....	....	Collars.....3	....	....
....	" with col. or pltd. 12½	....	....	....	Chemisettes ....5 to 15	....	....
....	Collars.....2	....	....	....	Dresses..... 25 to 5.00	....	....
....	Cuffs, per pair. 4	....	....	....	Night dresses..10 to 50	....	....
....	Undershirts, cotton...8	....	....	....	Skirts ..... 25 to 1.50	....	....
....	" woolen..10	....	....	....	Underskirts....10 to 25	....	....
....	Drawers, cotton.... .8	....	....	....	Drawers..... 10 to 30	....	....
....	" woolen....10	....	....	....	Chemises.....10 to 30	....	....
....	Socks, per pair..... 5	....	....	....	Aprons ..... 5 to 15	....	....
....	Handkerchiefs ...3 to 5	....	....	....	Corset Covers. 10 to 25	....	....
....	Night Shirts.....10	....	....	....	White Waists..10 to 50	....	....
....	Towels .....3 to 5	....	....	....	Hose, per pair. 5	....	....
....	Bar Aprons .....3 to 5	....	....	....	Childs dresses .10 to $1	....	....
....	Vests 20	....	....	....	" skirts...10 to 35	....	....
....	Sheets 10	....	....	....	" Aprons ..5 to 10	....	....
....	Pillow Slips.....5	....	....	....	" Drawers. 5 to 10	....	....
....	Polster Shams ..5 to 25	....	....	....	Curtains, single .25 to $1	....	....
....	Coats .....15 to 30	....	....	....	" per pair 50 to $2	....	....
....	Trousers .....25 to 65	....	....	....	.....	....	....
....	Table Cloths...10 to 20	....	....	....	.....	....	....
....	Napkins 2	....	....	....	A Lady will take charge of all Ladies' wearing apparel.	....	....
....	Spreads ..... 15 to 50	....	....	....		....	....
....	Boys Waists.....10	....	....	....	.....	....	....
....	Blankets, single 20 to 50	....	....	....	..... Sack	....	....
....	" double 40 to 1.00	....	....	....	.....Valise	....	....

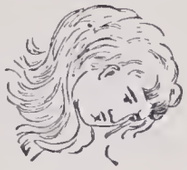
EXTRA PRICES FOR HURRIED WORK.

☞ Goods called for and delivered free to any part of the city. It is especially agreed by the owner of this package that in case the same remains uncalled for and unpaid for after 30 days, that the STAR LAUNDRY CO. is fully authorized to sell the some to pay charges.

REPORT ERRORS AT ONCE RETURNING THIS LIST. TERMS CASH.

COLLARS and CUFFS BY MAIL.

WHEN TRAVELING, SEND US YOUR COLLARS AND CUFFS BY MAIL, TO BE RETURNED BY MAIL WHEN FINISHED.



IT COSTS BUT ABOUT 7 CENTS PER DOZEN PIECES. BUNDLES SHIPPED BY EXPRESS TO MEET TRAVELING MEN AT STATED POINTS AND DATES.

THE CITY LAUNDRY

307 N. SEVENTH ST.

No 188

M .....

To CEPERLEY & GARDNER, Dr.

STEAM LAUNDRY,

256 Main Street, Oneonta, N. Y.

GENTLEMEN'S LIST.			
Shirts, day	10.		
" with cuffs	15		
" new	12½.		
Collars	2½.		
Cuffs each	2½.		
Drawers	5.		
Undershirts	5.		
Night shirts	8 to 10.		
Socks each	2.		
Handkerchiefs	2.		
Coats	15.		
Vests	15.		
Towels	2 to 5.		
Ties	2 " 5.		
LADIES' LIST.			
Cape Collars	4.		
White Skirts	25 to 75.		
Chemise	8 " 15.		
Drawers	8 " 15.		
Night-dresses	8 " 25.		
Corset Covers	8 " 15.		
Hose each	2.		
Suits	75 to 1.25.		
Pillow Shams	25 " 50.		
Aprons	5 " 10.		
RECEIVED PAYMENT, CEPERLEY & GARDNER.			

When Wanted .....

☞ No claims allowed for loss or damage unless made within two days accompanied by this list.

☞ Goods called for and delivered free of charge.

DEPOSITED BY

.....

IN THE

Wilber National Bank.

Oneonta,.....*1886.*

BILLS		
SPECIE		
CHECK		
"		
"		
"		
"		
"		
"		
"		
"		
"		
"		
"		

DEPOSITED BY

.....

IN

HOLLAND TRUST COMPANY,

New York,.....*189*

		Dolls.	Cts
Coin, ...			
Bills, ...			
Checks, . . .			

HALL OF

WEST-GATE LODGE, No. 445,

A. F. & A. M.

GRAND AND EASTON AVENUES

St. Louis, September 29, 1890.

Dear Sir and Brother:

Again the grim tyrant Death has entered our portals and cut down from our ranks Brother JOHN M. COLLINS, P. M. A special meeting of this Lodge will be held on Tuesday September 30th, at 1 o'clock p. m. sharp, for the purpose of paying the last sad rites of burial to our deceased Brother.

Fraternally,

ATTEST: M. D. STRAIT, W. M.

ANDREW, RAWSON, Secy.

ORDER OF EXERCISES

AT THE

DEDICATION

OF THE

MEMORIAL METHODIST EPISCOPAL CHURCH,

TROY, N. Y.,

SUNDAY, JULY 20TH, 1890.

F. LOWNDES, PASTOR.

MANUFACTURED BY

JOHN BECKER MFG. COMPANY,

Die-Sinkers, Engravers, and Machinists,

ALSO

BRASS FOUNDERS,

AND MANUFACTURERS OF

SPECIAL TOOLS AND MACHINERY OF ALL KINDS,

DIES AND PUNCHES. TYPEWRITING MACHINES BECKER'S ELLIPTOGRAPH
SOAP MOULDS, ROUTING AND MILLING MACHINES. MODEL MAKING.
BOOK STAMPS AND DIES. ELECTRICAL WORK PATTERN NAME PLATES

NICKEL PLATING AND BRONZING.

157 PEARL STREET . . . . BOSTON.

THE SEMI-ANNUAL CONVENTION

OF THE

OTSEGO COUNTY

Sunday School Association

WILL BE HELD IN THE

First Baptist Church,

ONEONTA, N. Y.,

TUESDAY AND WEDNESDAY, OCT. 13 and 14, 1885.

OPENING SESSION TUESDAY EVENING, 7 O'CLOCK.

FREE ENTERTAINMENT FOR ALL.

Local Committee.

REV. H. H. ALLEN,
" E. D. CLOUGH,
" A. B. RICHARDSON.
" C. A. GLEASON,

SUP'T P. R. YOUNG,
" A. E. CEPERLEY.
" H. SAUNDERS,
" T. W. STEVENS.

SEASON 1890-91

The Boston
Wall Paper
Company

WILLIAM A. CORSE, MANAGER

MANUFACTURERS OF

PAPER HANGINGS

IN ALL GRADES

20 SUMMER STREET

BOSTON, MASS.

W. P. PHILLIPS & Co

MANUFACTURERS OF

Patent Improved Lubricators

FOR

STEAM ENGINE CYLINDERS,

JOURNALS, DYNAMOS, ETC.

Patent Automatic and Plain Water Gauges, with
Improved Shell Stuffing Box, Etc.

No 71 SUDBURY STREET

Rooms 5 and 7,

BOSTON, MASS., U. S. A.

Incorporated June 16, 1887.

THE OWEN

ELECTRIC BELT AND APPLIANCE CO.

826 BROADWAY, NEW YORK.
306 N. BROADWAY, ST. LOUIS.

Patented in Canada December 17, 1887.

CONSTITUTION AND BY-LAWS

— OF THE —

RETAIL

HARNESS MANUFACTURERS' PROTECTIVE ASSOCIATION

OF ALBANY, TROY AND VICINITY.

ORGANIZED JUNE 18, 1889.

TROY, N. Y.;
GILES BROS., PRINTERS, RIVER AND GRAND STREETS.
1889.

J. H. POCOCK CAN CO.

GROCERS'

AND

Spice Grinders' Drums.

SAINT LOUIS.

THE

SWIFT LUBRICATOR

WITH

FLASH SIGHT FEED.

CORRECT IN PRINCIPLE.

Has no outside Tubes to be disarranged or broken.

Has a positive Flash Feed that can be seen in a good light fifty feet away.

Notifies attendant at least one-half hour before cup needs refilling.

Can be filled with oil to the highest point, and the filling observed to prevent overflow.

Certificate No.....

Union Gold and Silver Mining Co.

Kansas City, Mo.....1890.

This is to Certify, That .....

is entitled to.....share , par value $25.00 each, in Mining Lot No. Six, County of Yellow Medicine, State of Minnesota, full described and explained in Mining Contract No. **4**, dated Kansas City, May 14th, 1890, and good for Six years from said date on the following terms and conditions only:

The purchaser of this Certificate pays one dollar down and agrees to pay one dollar per month, monthly in advance until pay ore is reached on said Mining Lot, but not in excess of the par value of this Certificate in full. Payable at the office of the Secretary in this City. Non-assessable. Transferable. Number of Shares, 800.

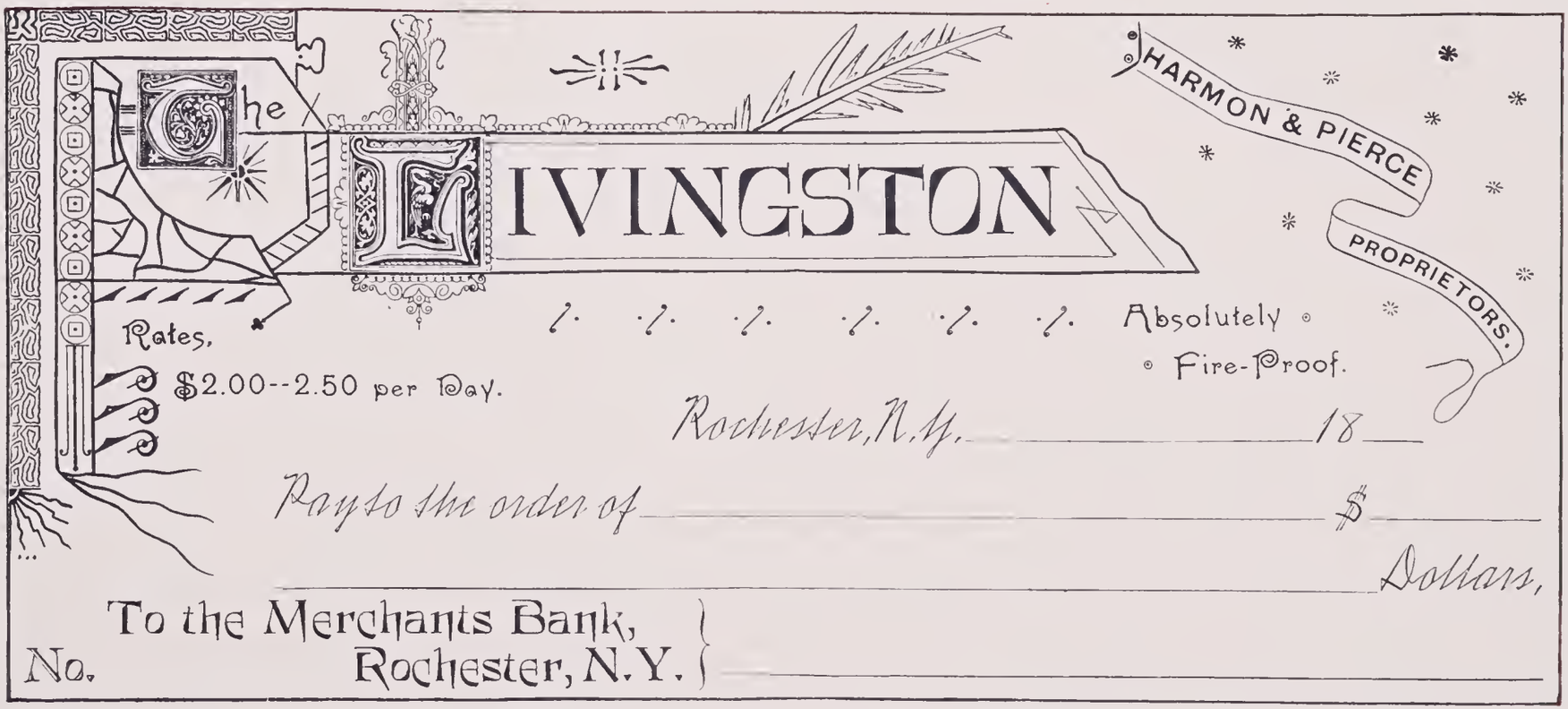
.....Secretary.

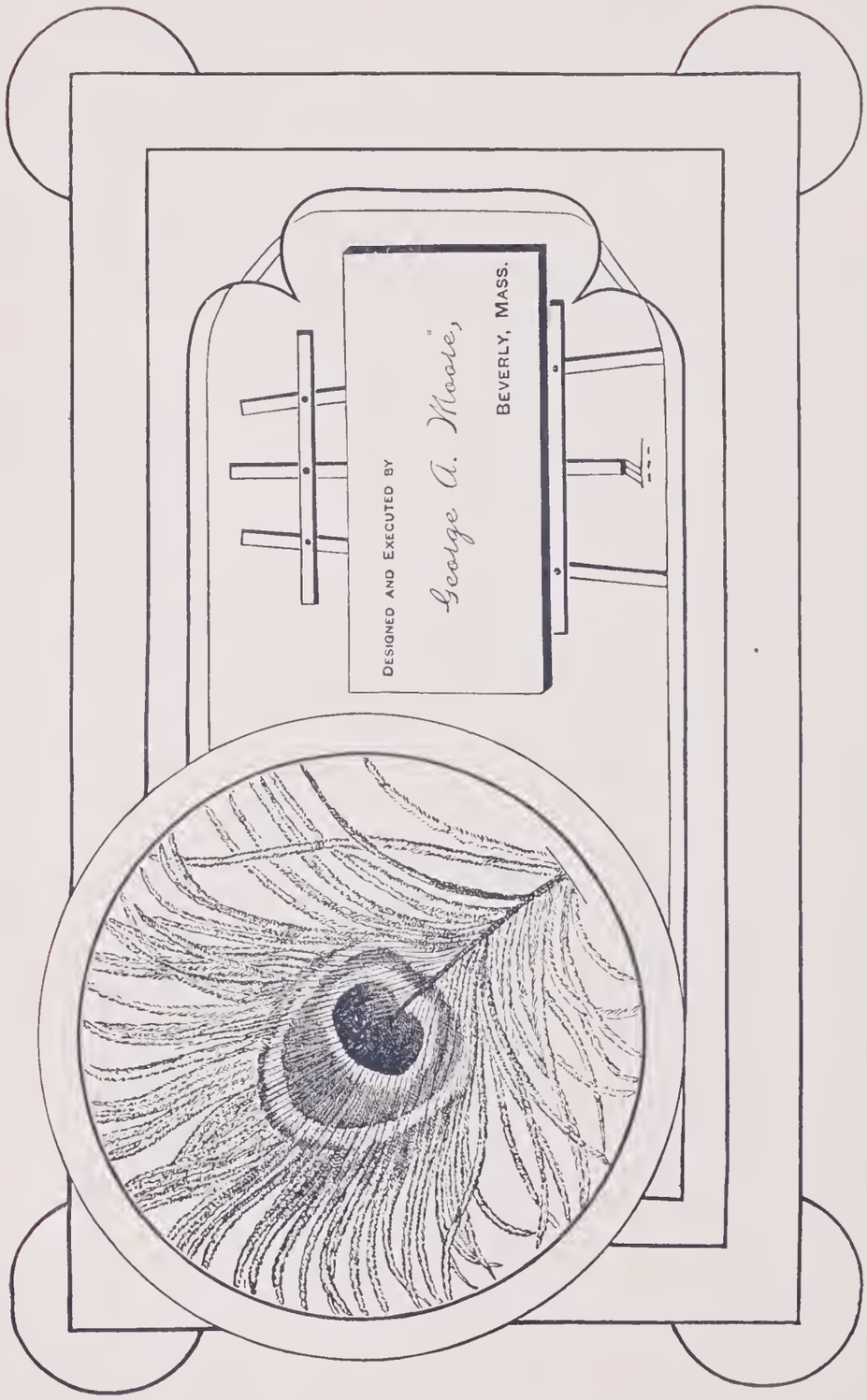
The Babcock Printing Press Manufacturing Co.

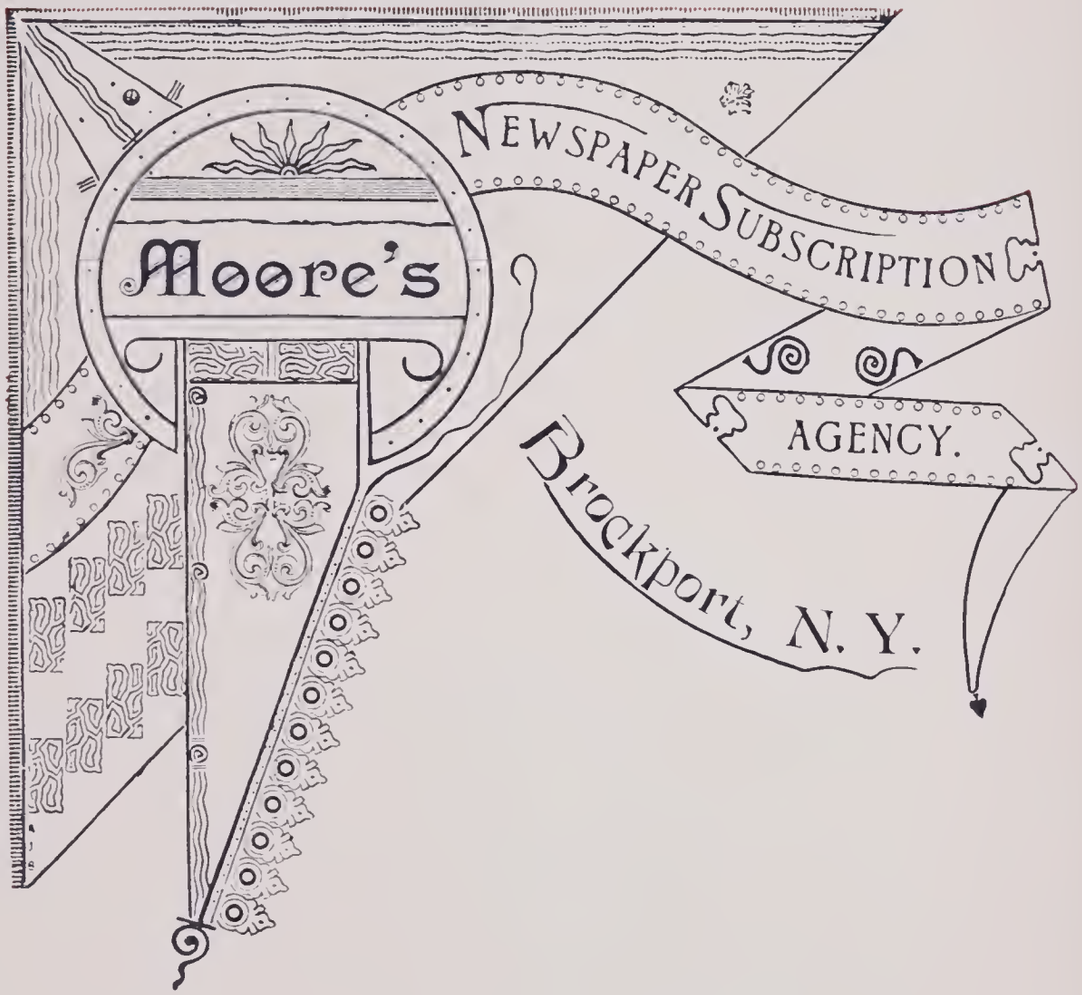
Barnhart Bros. & Spindler,
General Western Agents.
CHICAGO, ILL.

C. A. Collord,
Manager of New York Office,
Tribune Building.

Main Office and Works,
New London, Conn.


The LIVINGSTON
HARMON & PIERCE
PROPRIETORS.
Absolutely
Fire-Proof.
Rates,
$2.00--2.50 per Day.
Rochester, N.Y. 18
Pay to the order of $
Dollars,
To the Merchants Bank,
Rochester, N.Y.
No.


DESIGNED AND EXECUTED BY
George A. Moore,
BEVERLY, MASS.

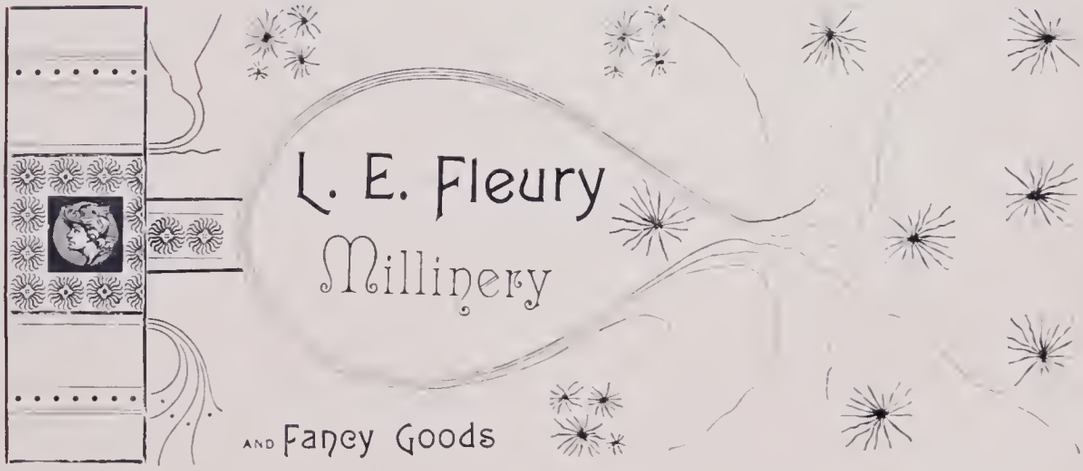

Moore's
NEWSPAPER SUBSCRIPTION
AGENCY.
Brockport, N. Y.

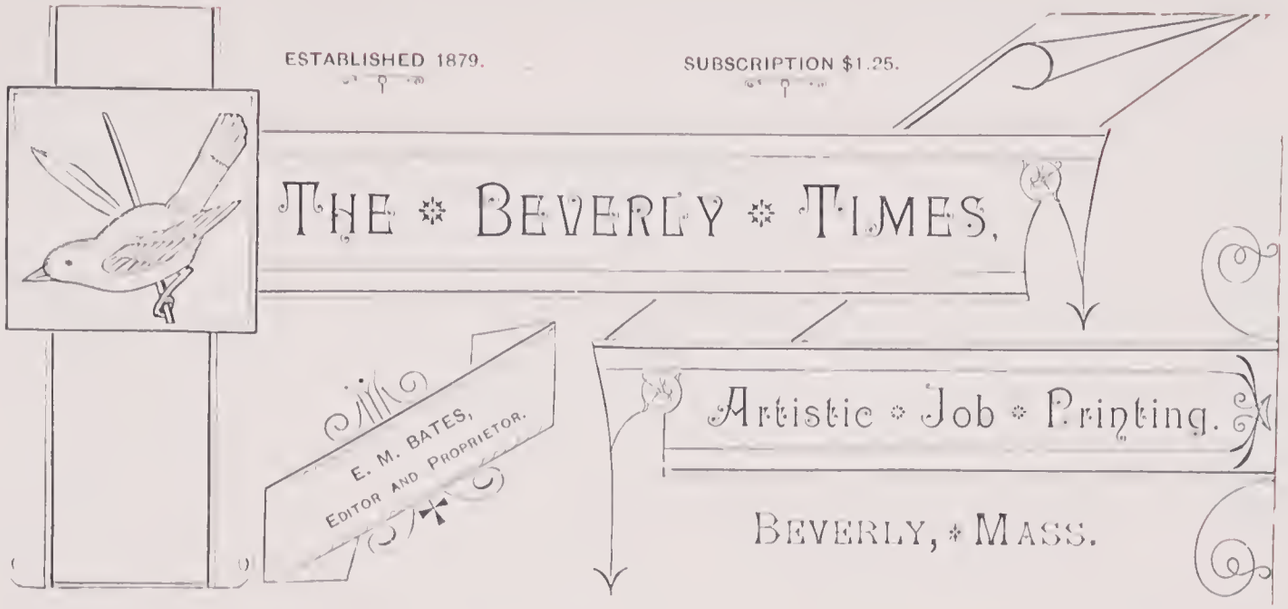
The Babcock Printing Press
Manufacturing Co.

Main Office and Works . . . . . New London, Conn.
New York Office . . . . . 26 and 27 Tribune Building
Barnhart Bros. & Spindler . Gen'l West'n Agents, Chicago

Andrew J. Wegman,
Illustrated Catalogues. Printer. Book and Job Work.
112 and 114 N. St. Paul Street,
Rochester, N. Y.

JULIUS HEINEMANN
& CO.
MANUFACTURERS OF
BRASS RULES, LEADS, SLUGS
AND
METAL FURNITURE
50 & 52
MADISON ST.
CHICAGO, ILL.
ALSO DEALERS IN PRINTERS'
MATERIALS OF ALL KINDS.


L. E. Fleury
Millinery
AND Fancy Goods


ESTABLISHED 1879.
SUBSCRIPTION $1.25.
THE BEVERLY TIMES.
E. M. BATES,
EDITOR AND PROPRIETOR.
Artistic Job Printing.
BEVERLY, MASS.

THE SWINBURNE
PRINTING COMPANY,
MINNEAPOLIS, MINN.

W. H. WRIGHT, JR.
PRINTER,
293 WASHINOTON ST. BUFFALO, N. Y.

WHY NOT

Buy goods where you can buy them the cheapest? For one week we will sell any article on our 5ct Counter for 4 cts. and on 10ct Counter for 9 cts.

Here is some of our Bargains:

Embroidery Silk, per spool	.01	Ammonia	.10
Pins, per paper	.02	Baking Powder	.15
Thread, per spool	.02	Dixon Stove Polish	.05
6 papers Needles	.10	60 ft Clothes Line	.10
60 Hair Pins	.05	150 Clothes Pins	.10
Carpet Tacks	.01	10 Cakes Soap	.25
Ladies Shoe Dressing	05.		

Keep your children at home evenings and make home cheerful with

The Brightest,
The Whitest,
The Steadiest

LIGHT EVER SEEN, THE LUX DUX

FOR SALE BY US.

Come and look us over, we will do you good.

JUDD, 9 Chestnut St.

INDEPENDENCE DAY!

Wednesday Afternoon and Evening, July 4 1888.

JACOBS & PROCTOR'S

THEATER.

THE

SONS OF LABOR

BY THE

WEIDMAN

Dramatic Association,

ASSISTED BY THE

Capital City Quartette!

Popular Prices of Admission.

A Great Opportunity!

VISIT

LAKE GEORGE

TO-MORROW, JULY 17,

WITH THE

Young Peoples' Association

OF THE FOURTH PRESBYTERIAN CHURCH.

Twenty-eight Miles Sail on the Lake.
Three Hours on Fourteen-Mile Island.

LEAVE D. & H. STATION AT 8 A. M.

TICKETS, $1.50. CHILDREN UNDER 12, $1.00.

Something You Want to See!

EDISON'S

PHONOGRAPH.

An Evening of Instruction and Amusement.

Thursday Evening, March 13th, 1890,

Mr. Thomas Moran will give an exhibition of the PHONOGRAPH at ASSOCIATION HALL, under the auspices of the LADIES' AUXILIARY.

A rare opportunity for those who have not yet seen the Phonograph.

Songs, Recitations, and Cornet Solos; also Selections from GILMORES BAND and the HUNGARIAN ORCHESTRA, of the Eden Musee, New York City.

ADMISSION, 10 CENTS.

THE SECRET OF SUCCESS!

The secret of our success lies in the fact that we are always apace with the times. Our stock of Spring and Summer Goods is now replete in every respect, and our prices the lowest of the low.

Ladies! You can find the choicest and best selected stock of Underwear, Neckwear, Ruchings, Ribbons, Laces, Handkerchiefs, Corsets, etc., etc., etc., to be had on the hill, and at prices away down.

Gentlemen! We guarantee to show you the best line of Furnishing Goods ever seen in the West End. All styles Collars and Cuffs, Underwear, Muslin Shirts, Socks, Suspenders, Handkerchiefs, and, in fact, everything you want. We desire especially to call your attention to our stock of Neckties; they are the best styles in town.

Children! Well, for Children we have everything in our line in profusion.

Lace Collars, Lace Caps, Hosiery, Bibs, Dresses, etc., etc., etc.

You can find everything you want in the Dry Goods line at our store, and our prices are sure to suit.

Fire! Fire! Fire!

ALL GOODS DAMAGED AT OUR FIRE ON MARCH 20th WE WILL PLACE ON SALE

SATURDAY, APRIL 5TH.

Come and secure some of the Bargains, and at the same time don't fail to inspect our Spring and Summer Goods.

THOS. J. HURLEY,

BOSTON STORE,

141 CENTRAL AVENUE.

RECREATION

AND

ENJOYMENT.

THE EXCURSION OF THE SEASON!

THE LADIES OF THE

SECOND BAPTIST CHURCH,

(IDA HILL), AND THEIR FRIENDS, WILL MAKE AN EXCURSION TO

LAKE GEORGE,

TUESDAY, JULY 24.

TICKETS FOR ROUND TRIP, $1,50.

Including Sail to French Point, with Stop at Fourteen Mile Island.

CHILDREN UNDER 12 YEARS, 90 CENTS.

Train Leaves Union Depot at 8 o'clock, sharp: Waterford at 8:10.

GILES BROS., PRINTERS,
TROY, N. Y.

GET RID OF
YOUR COLD
BY USING
TEAGUE & CO.'S
TRADE **BEST** MARK.
COUGH DROPS
ASK FOR THIS BRAND
AND TAKE NO OTHER.

TABLE showing the number of lines of different sizes of type containing a thousand ems, from 10 to 40 ems pica in width.

Pica ems in width.	Number of Lines Containing a Thousand Ems.									
	Pica.	Small Pica.	Long Primer.	Bourgeois.	Brevier.	Minion.	Nonpareil.	Agate.	Pearl.	Diamond.
10	100	91	83	75	67	59	50	46	42	38
11	91	83	76	68	61	53	46	42	38	34
12	83	77	70	63	56	49	42	38	35	32
13	77	70	65	58	51	45	39	35	33	29
14	71	66	60	54	48	42	36	33	30	27
15	67	62	56	50	44	39	33	31	28	25
16	63	57	52	47	42	36	31	29	26	24
17	59	54	49	44	39	34	29	27	25	22
18	56	51	46	42	37	32	28	25	23	21
19	53	49	44	40	35	31	26	24	22	20
20	50	46	42	38	33	29	25	23	21	19
21	48	44	40	36	32	28	24	22	20	18
22	45	42	38	34	30	26	23	21	19	17
23	44	40	36	32	29	25	22	20	18	16
24	42	39	35	31	28	24	21	19	17	16
25	40	37	33	30	27	23	20	18	17	15
26	39	35	32	29	26	23	19	18	16	15
27	37	34	31	28	25	22	18	17	16	14
28	36	33	30	27	24	21	18	16	15	14
29	35	32	29	26	23	20	17	16	15	13
30	34	31	28	25	22	20	17	15	14	13
31	32	30	27	24	21	19	16	15	14	12
32	31	29	26	23	21	18	16	14	13	12
33	30	28	25	23	20	18	15	14	13	12
34	30	27	25	22	20	17	15	13	13	11
35	29	26	24	21	19	17	15	13	12	11
36	28	26	23	21	19	16	14	13	12	11
37	27	25	23	20	18	16	14	12	12	10
38	26	24	22	20	18	16	13	12	11	10
39	26	24	22	19	17	15	13	12	11	10
40	25	23	21	19	17	15	12	11	10	9

It is not considered necessary to give fractions in this table, the figures being near enough for all practical purposes.

TABLE showing the Quantity of Paper required to print 1,000 copies of a book in any form from octavo to 32mo.

No. of Forms.	8vo.	12mo.	16mo.	24mo.	32mo.	Paper for 1,000 Copies.	
	Pages.	Pages.	Pages.	Pages.	Pages.	Rms.	Qrs.
1	8	12	16	24	32	1	2
2	16	24	32	48	64	2	4
3	24	36	48	72	96	3	6
4	32	48	64	96	128	4	8
5	40	60	80	120	160	5	10
6	48	72	96	144	192	6	12
7	56	84	112	168	224	7	14
8	64	96	128	192	256	8	16
9	72	108	144	216	288	9	18
10	80	120	160	240	320	11	..
11	88	132	176	264	352	12	2
12	96	144	192	288	384	13	4
13	104	156	208	312	416	14	6
14	112	168	224	336	448	15	8
15	120	180	240	360	480	16	10
16	128	192	256	384	512	17	12
17	136	204	272	408	....	18	14
18	144	216	288	432	....	19	16
19	152	228	304	456	....	20	18
20	160	240	320	480	....	22	..
21	168	252	336	504	....	23	2
22	176	264	352	....	....	24	4
23	184	276	368	....	....	25	6
24	192	288	384	....	....	26	8
25	200	300	400	....	....	27	10
26	208	312	416	....	....	28	12
27	216	324	432	....	....	29	14
28	224	336	448	....	...	30	16
29	232	348	464	....	....	31	18
30	240	360	480	....	....	33	..

EXAMPLE.—How many reams will be required for a 12mo book containing 312 pages? Find the number of pages (312) in the 12mo column; in the outer column on the left of the table the number of forms (26) is seen; and in the outer column on the right the quantity of paper required is given (28 reams 12 quires).

TABLE showing the Number of Sheets contained in any Number of Quires.

Quires.	Sheets.	Quires.	Sheets.	Quires.	Sheets.
1	24	21	504	41	984
2	48	22	528	42	1008
3	72	23	552	43	1032
4	96	24	576	44	1056
5	120	25	600	45	1080
6	144	26	624	46	1104
7	168	27	648	47	1128
8	192	28	672	48	1152
9	216	29	696	49	1176
10	240	30	720	50	1200
11	264	31	744	51	1224
12	288	32	768	52	1248
13	312	33	792	53	1272
14	336	34	816	54	1296
15	360	35	840	55	1320
16	384	36	864	56	1344
17	408	37	888	57	1368
18	432	38	912	58	1392
19	456	39	936	59	1416
20	480	40	960	60	1440

NAMES AND SIZES OF DIFFERENT PAPERS.

Flat Letter, . .	10x16	Medium—Printing, .	19x24
Law Blank or Small Cap,	13x16	Royal—Writing, . .	19x24
Flat Cap, . . .	14x17	Royal—Printing, .	20x25
Crown, ...	15x19	Double Cap, . . .	17x28
Demy, . . .	16x21	Super Royal—Writing,	20x28
Folio Post, . . .	17x22	Cardboard, . . .	22x28
Check Folio, . .	17x24	Imperial—Writing, .	22x30
Medium—Writing, . .	18x23	Imperial—Printing, .	22x32

TABLE showing what number of ems of other sizes will correspond with pica, from 10 to 40 ems in depth.

Pica.	Small Pica.	Long Primer.	Bourgeois.	Brevier.	Minion.	Nonpareil.	Agate.	Pearl.	Diamond.	Pica.
10	11	12	13 1/3	15	17	20	22	24	26 1/2	10
11	12	13 1/5	14 2/3	16 1/2	19	22	24	26 1/2	29 1/2	11
12	13	14 2/5	16	18	20 1/2	24	26	29	32	12
13	14 1/4	15 3/5	17 1/3	19 1/2	22 1/4	26	28 1/2	31	34 1/2	13
14	15 1/4	16 4/5	18 2/3	21	24	28	30 1/2	33 1/2	37 1/2	14
15	16 1/4	18	20	22 1/2	25 3/4	30	32 1/2	36	40	15
16	17 1/2	19 1/5	21 1/3	24	27 1/2	32	35	38 1/2	42 1/2	16
17	18 1/2	20 2/5	22 2/3	25 1/2	29	34	37	41	45 1/2	17
18	19 1/2	21 3/5	24	27	31	36	39 1/2	43	48	18
19	20 1/2	22 4/5	25 1/3	28 1/2	32 1/2	38	41 1/2	45 1/2	50 1/2	19
20	21 3/4	24	26 2/3	30	34 1/4	40	43 1/2	48	53 1/2	20
21	23	25 1/5	28	31 1/2	36	42	46	50 1/2	56	21
22	24	26 2/5	29 1/3	33	38	44	48	53	59	22
23	25	27 3/5	30 2/3	34 1/2	39 1/2	46	50	55 1/2	61 1/2	23
24	26	28 4/5	32	36	41	48	52	58	64	24
25	27 1/4	30	33 1/3	37 1/2	42 3/4	50	54 1/2	60	66 1/2	25
26	28 1/2	31 1/5	34 2/3	39	44 1/2	52	57	62	69	26
27	29 1/2	32 2/5	36	40 1/2	46 1/4	54	59	64 1/2	72	27
28	30 1/2	33 3/5	37 1/3	42	48	56	61	67	75	28
29	31 1/2	34 4/5	38 2/3	43 1/2	49 3/4	58	63	69 1/2	77 1/2	29
30	32 1/2	36	40	45	51 1/2	60	65	72	80	30
31	33 3/4	37 1/5	41 1/3	46 1/2	53 1/4	62	67 1/2	74 1/2	82 1/2	31
32	35	38 2/5	42 2/3	48	55	64	70	77	85	32
33	36	39 3/5	44	49 1/2	56 1/2	66	72	79 1/2	88	33
34	37	40 4/5	45 1/3	51	58	68	74	82	91	34
35	38	42	46 2/3	52 1/2	60	70	76 1/2	84	93 1/2	35
36	39	43 1/5	48	54	62	72	79	86	96	36
37	40	44 2/5	49 1/3	55 1/2	63 1/2	74	81	88 1/2	98 1/2	37
38	41	45 3/5	50 2/3	57	65	76	83	91	101	38
39	42 1/4	46 4/5	52	58 1/2	66 3/4	78	85	93 1/2	104	39
40	43 1/2	48	53 1/3	60	68 1/2	80	87	96	107	40

TABLE OF COMPARATIVE WEIGHTS OF PAPER.

24x38	25	28	30	35	40	44	48	50	56	60	70	80
14x17	7	7	8	9	10	12	13	14	15	16	18	20
17x22	10	11	12	14	16	18	20	21	23	25	28	33
18x23	11	13	14	16	18	20	22	23	25	27	32	36
19x24	13	14	15	18	20	22	24	25	28	30	35	40
20x25	14	15	17	19	22	24	26	28	31	33	39	44
22x28	17	19	19	24	27	30	32	34	38	40	47	54
22x32	19	21	23	27	31	34	37	39	45	47	54	62
23x41	26	29	31	36	41	46	50	52	58	62	73	83
24x36	24	26	29	33	38	42	45	48	53	57	66	76
26x38	27	30	33	38	43	48	52	54	63	65	76	87
26x40	29	32	35	40	46	50	55	57	64	68	80	91
27x40	30	33	36	42	47	52	57	59	66	71	83	95
28x42	32	36	39	45	52	57	62	65	72	77	90	103
28x44	34	37	41	47	54	60	65	68	76	81	95	108
29x41	33	36	40	46	52	57	63	65	73	78	91	104
29x43	34	38	42	48	55	60	66	69	78	82	96	109
30x42	35	38	42	48	55	61	66	69	78	83	97	111
33x46	42	46	51	58	67	73	80	83	93	100	117	133

TABLE FOR GIVING OUT PAPER.

No. of Copies.	Number of Impressions on Sheet.																	
	1		2		3			4			8			12			16		
	Q.	S.	Q.	S.	Q.	S.	O.	Q.	S.	O.	Q.	S.	O.	Q.	S.	O.	Q.	S.	O.
50	2	2	1	1	0	17	1	0	13	2	0	7	6	0	5	10	0	4	14
100	4	4	2	2	1	10	2	1	1	0	0	13	4	0	9	8	0	7	12
150	6	6	3	3	2	2	0	1	14	2	0	19	2	0	13	6	0	10	10
200	8	8	4	4	2	19	1	2	2	0	1	1	0	0	17	4	0	13	8
250	10	10	5	5	3	12	2	2	15	2	1	8	6	0	21	2	0	16	6
300	12	12	6	6	4	4	0	3	3	0	1	14	4	1	1	0	0	19	4
400	16	16	8	8	5	14	2	4	4	0	2	2	0	1	10	8	1	1	0
500	20	20	10	10	6	23	1	5	5	0	2	15	4	1	18	4	1	8	12
750	31	6	15	15	10	10	0	7	20	2	3	22	2	2	15	6	1	23	2
1000	41	16	20	20	13	22	2	10	10	0	5	5	0	3	12	8	2	15	8
1500	62	12	31	6	20	20	0	15	15	0	7	20	4	5	5	0	3	22	4
2000	83	8	41	16	27	19	1	20	20	0	10	10	0	6	23	4	5	5	0
3000	125	0	62	12	41	16	0	31	6	0	15	15	0	10	10	0	7	20	8
4000	166	16	83	8	55	14	2	41	16	0	20	20	0	13	22	8	10	10	0
5000	208	8	104	4	69	11	1	52	2	0	26	1	0	17	9	4	13	1	8

Note—Q. means quires, S. sheets, and O. the overplus copies.

TABLE showing the equivalents in depth of 100 lines, from Pica to Diamond.

100 Lines of	Pica.	Small Pica.	Long Primer.	Bourgeois.	Brevier.	Minion.	Nonpareil.	Agate.	Pearl.	Diamond.
Pica, . . equal	100	109	120	133	150	171	200	218	240	266
Small Pica, "	92	100	110	122	137	157	184	200	220	244
Long Primer, "	83	91	100	111	125	143	166	182	200	222
Bourgeois, . "	75	82	90	100	112	129	150	164	180	200
Brevier, . . "	67	73	80	89	100	114	134	146	160	174
Minion, . "	58	64	70	78	87	100	116	128	140	156
Nonpareil, . "	50	55	60	67	75	86	100	110	120	134
Agate, . . "	46	50	55	61	69	79	92	100	110	122
Pearl, . . "	42	45	50	56	63	71	84	90	100	112
Diamond, "	38	41	45	50	56	64	76	82	90	100

TABLE showing the number of ems contained in one square inch, from Pica to Diamond.

Pica, . . .	36 ems.	Minion, . . .	105 ems.
Small Pica, . .	42 "	Nonpareil, . . .	144 "
Long Primer, . .	52 "	Agate, . . .	168 "
Bourgeois, . . .	64 "	Pearl, ...	208 "
Brevier, . . .	81 "	Diamond, . .	256 "

Table Showing the Equivalent Weights of Paper in All the Usual Sizes.

THE TOP LINE IS 24×38 (912 SQUARE INCHES), WHICH IS TAKEN AS THE STANDARD.

Size 24x38.	Inches.	25	28	30	32	35	38	40	42	44	45	48	50	52	56	60	65	70	75	80
		36.5	33	30	28.5	26	24	22.8	21.7	20.7	20	19	18.2	17.5	16.3	15.2	14	13	12.2	11.4
14x17.....	238	7	7	8	8	9	10	10	11	12	12	13	13	14	15	16	17	18	20	21
17x22.....	374	10	11	12	13	14	16	16	17	18	19	20	21	21	23	25	27	29	31	33
18x23.....	414	11	13	14	14	16	17	18	19	20	22	22	23	24	25	27	30	32	34	36
19x24.....	456	13	14	15	16	18	19	20	21	22	23	24	25	26	28	30	33	35	37	40
20x25.....	500	14	15	17	18	19	21	22	23	24	25	26	28	29	31	33	36	39	41	44
21x27.....	567	16	17	19	20	22	24	25	26	27	28	30	31	32	35	37	40	44	47	50
22x28.....	616	17	19	19	22	24	26	27	28	30	31	32	34	35	38	40	44	47	51	54
22x29.....	638	18	19	21	22	25	27	28	29	31	32	34	35	36	39	42	46	49	52	56
23x30.....	690	19	21	23	24	27	29	30	32	33	35	36	38	39	42	46	49	53	57	61
23x32.....	736	20	22	25	26	28	31	32	34	36	37	39	40	42	45	48	53	57	60	65
23x33.....	759	21	23	25	27	29	32	33	35	37	38	40	42	43	47	50	54	58	63	67
23x35.....	805	22	25	27	28	31	34	35	37	39	40	42	44	46	49	53	58	62	66	71
23x36.....	828	23	25	28	29	32	35	36	38	40	41	44	46	47	51	54	59	64	68	73
23x37.....	851	23	26	28	30	33	35	37	39	41	43	45	48	49	52	56	61	66	70	75
23x38.....	874	24	27	29	31	34	36	38	40	42	44	46	48	50	54	58	62	67	72	77
23x39.....	897	25	27	30	31	35	37	39	41	43	45	47	49	51	55	59	64	69	74	79
23x40.....	920	25	28	31	32	35	38	40	42	44	46	48	51	53	56	61	66	71	75	81
23x41.....	943	26	29	31	33	36	39	41	43	46	47	50	52	54	58	62	67	73	77	83
23x42.....	966	27	29	32	34	37	40	42	45	47	48	51	53	55	59	64	69	74	79	85
23x43.....	989	27	30	33	35	38	41	43	46	48	49	52	54	57	61	65	71	76	81	87
24x30.....	720	20	22	24	25	28	30	32	33	35	36	38	40	41	46	47	51	55	59	63
24x32.....	768	21	23	26	27	30	32	34	35	37	38	40	42	44	47	50	55	59	63	67
24x33.....	792	22	24	26	28	30	33	35	37	38	40	42	44	45	49	52	57	61	65	69
24x35.....	840	23	25	28	30	32	35	37	39	41	42	44	46	48	52	55	60	65	69	74
24x36.....	864	24	26	29	30	33	36	38	40	42	43	45	48	50	53	57	62	66	71	76
24x37.....	888	24	27	30	31	34	37	39	41	43	44	47	49	51	55	58	63	68	73	78
24x39.....	936	26	28	31	33	36	39	41	43	45	47	49	51	53	57	62	67	72	77	82
24x40.....	960	26	29	32	34	37	40	42	44	46	48	51	53	55	59	63	69	74	79	84
25x37.....	925	26	28	31	32	36	39	40	43	45	46	49	51	53	57	61	66	71	76	81
25x38.....	950	25	29	32	33	37	40	42	44	46	47	50	52	54	58	63	68	73	78	83
25x39.....	975	27	30	32	34	38	41	43	45	47	49	51	54	56	60	64	70	75	80	86
25x40.....	1000	27	30	33	35	38	42	44	46	48	50	53	55	57	60	66	72	77	82	88
25x41.....	1025	28	31	34	36	39	43	45	47	50	51	54	56	59	63	68	73	79	84	90
25x42.....	1050	29	32	35	37	40	44	46	48	51	52	55	58	60	64	69	75	81	86	92

SECOND EDITION NOW READY.

BISHOP'S

PRACTICAL PRINTER.

A Book of Instruction for Beginners.

A Book of Reference for the More Advanced.

By H. G. BISHOP.

INFORMATION ON THE VARIOUS PARTS OF THE PRINTING BUSINESS, WITH DIAGRAMS OF IMPOSITION AND USEFUL TABLES.

PRICE, $1.00.

To be obtained from H. G. Bishop, Oneonta, N. Y., and through all Type Founders.

The success which attended the first edition proved the necessity existing for such a book. The present edition is vastly superior in many respects, no expense having been spared in its production.

SECOND EDITION. PRICE $3.00.

THE

Printers' Order Book

— AND —

RECORD OF COST.

(COPYRIGHTED BY H. G. BISHOP.)

Printed and ruled so as to afford a simple plan of recording the different items of cost of every job done, there being a separate column for each of the following heads:

DATE.	STOCK.
JOB NUMBER.	CUTTING.
NAME.	PADDING.
QUANTITY.	RULING.
DESCRIPTION.	NUMBER AND PERFORATE.
PROOF WANTED.	FOLD AND SEW.
JOB WANTED.	BINDING.
COLOR OF INK.	OTHER CHARGES.
COMPOSITION.	TOTAL COST.
PRESSWORK.	BILLED AT.

These items of cost are easily arrived at by the use of a "Job Ticket" and "Daily Time Slip," samples of which are sent with each book and can be printed by anyone. Each book contains 100 leaves, 10½ x 16, half bound, and provides room for entering 3,000 jobs. Printers who have seen this book pronounce it the best of the kind. The price is less than half what it would cost any printer to make a single book.

Can be obtained from H. G. Bishop, Oneonta, N. Y., or Farmer, Little & Co., New York and Chicago.

SECOND EDITION. PRICE 50 CENTS.

(COPYRIGHTED BY H. G. BISHOP.)

As Handy as a Watch and Quite as Useful.

DIAGRAMS OF IMPOSITION

For the Pocket.

PRINTED ON BOND PAPER. BOUND IN RED LEATHER.

Showing all the most useful Schemes for laying down pages; with Notes and Explanations.

Few subjects are so important and yet so little understood as that of Imposition.

This little book gives the whole subject in a nutshell.

Every Compositor and Pressman should have it in his pocket for reference.

CAN BE OBTAINED FROM H. G. BISHOP, ONEONTA, N. Y., OR FARMER, LITTLE & CO., NEW YORK AND CHICAGO.

THIRD EDITION. PRICE 50 CENTS.

THE PRINTERS' READY RECKONER.

(COPYRIGHTED BY H. G. BISHOP.)

Showing at a glance the Cost of Stock used on Job Work.
Showing the quantity of stock required for jobs of from 50 to 10,000 copies.
Showing the number of sheets contained in any number of quires.
Showing the equivalent weights of paper of various sizes

EXTRACT FROM THE INLAND PRINTER.

"The Printers' Ready Reckoner is a valuable production at a low price. It shows at a glance the cost of stock used on small jobs, and saves much time in figuring. One example will illustrate this: Suppose you take 48 sheets out of a ream of 28 pound paper at 13¾ cents a pound, how much would the 48 sheets be worth? The Ready Reckoner gives the answer in less time than it takes to ask the question. It is the production of a practical printer of many years' experience, and is guaranteed to be correct. We advise our readers to obtain a copy and judge for themselves."

CAN BE OBTAINED FROM H. G. BISHOP, ONEONTA, N. Y., OR FARMER, LITTLE & CO., NEW YORK AND CHICAGO.

THE OLD NEW YORK TYPE FOUNDRY,
ESTABLISHED 1804.

TYPES

FARMER, LITTLE & COMPANY,

TYPE FOUNDERS,

63 & 65 BEEKMAN STREET,

ABBEY SERIES.

NEW YORK.

We employ three processes for the production of Relief Printing Plates—Moss Type ("Half Tone"), Photo Engraving and Zinc Etching. The specimen prints herein shown were produced by the last named process.

APRIL, 1891. NOW READY. PART 1.

The American Dictionary of Printing AND Bookmaking,

COMPRISING REFERENCES TO ALL THAT IS KNOWN OF THE ART FROM THE EARLIEST TO THE PRESENT TIME—TECHNICAL, HISTORICAL AND BIOGRAPHICAL. THE MOST COMPREHENSIVE BOOK OF THE KIND EVER PUBLISHED.

SIX HUNDRED PAGES. PROFUSELY ILLUSTRATED.

PUBLISHED BY

HOWARD LOCKWOOD & CO.,

NOS. 126 AND 128 DUANE STREET, NEW YORK.

This valuable work is now being issued in quarterly parts and is presented WITHOUT COST to all subscribers to THE AMERICAN BOOKMAKER. No one else will be able to obtain these parts, as no cash sales will be made until the whole volume is completed, when it will be placed on the market at $12.00 a copy.

THE AMERICAN BOOKMAKER is a high-class independent trade journal, devoted to all branches of the printing and bookmaking arts. It contains articles written by men who have a practical knowledge of their business and are able to impart to others the knowledge they have acquired from instruction and experience. It advocates the interests of the employee as well as those of the employer, and its pages are open for the consideration of all questions which affect the rights of either. The subscription price will continue to be $2 00 a year, mailed free to any address. A sample copy of the journal will be forwarded to anyone who has not seen it.

The publishers expect to be able to complete the "American Dictionary of Printing and Bookmaking" within three years. To parties who prefer to remit $6.00 in advance for three years' subscription to THE AMERICAN BOOKMAKER, *the publishers will guarantee to deliver the parts of the Dictionary complete, without extra charge, regardless of the size of the work or the time occupied in its publication.*

Dickinson Type Foundery

We Are constantly getting out Specimen sheets showing the latest issue in Type and Borders. Send for them.

We Sell Presses and Paper Cutters of every make and size. . . . Before purchasing give us a call.

In Fact, we furnish everything required in fitting out a Newspaper, Book, or Job Office.

Our Material will prove as represented every time.

"Get the Best"

Is a motto that has induced printers To bring us prosperity in the Past and present, and promises a Much larger success in the future.

"It is the Cheapest"

. . . .

Dickinson Electrotype Foundery

Longer established than any other in New England.

Cuts of every style, either hand engraved or the photo' process, of any desired quality or price.

Our Specialty: Electrotyping Fine Cut and Job Work. . . Give us a trial.

. . . .

Number 150

Congress St.

Boston, Mass.

"COLT'S ARMORY PRESSES."

IT is within the truth to say, they are in Material, Workmanship and Design the BEST Platen Presses ever offered to the craft. They embody entirely new and novel features, but thoroughly demonstrated and indorsed, making them the most desirable and valuable machines in the market.

Adapted for Letterpress, Book-Cover Stamping and Inlaying, Paper-Box Cutting and Scoring, Wood Printing, Hot or Cold Embossing, &c., &c.

CATALOGUE WILL BE SENT UPON APPLICATION.

JOHN THOMSON PRESS COMPANY

212 Temple Court Building,

NASSAU AND BEEKMAN STREETS, NEW YORK.

ADVICE TO PRINTERS.

H. G. BISHOP, who has had a long and varied experience in the Printing Business, as Apprentice, Foreman, Superintendent, Proprietor and Writer for Trade Journals, offers his services to Printers who need advice on any of the following subjects:

STARTING IN BUSINESS,
CAPITAL NECESSARY,
CHOOSING LOCATION,
PURCHASING PLANT,

MANAGING BUSINESS,
MAKING ESTIMATES,
KEEPING TRACK OF COST OF WORK, &c., &c.

ALL CORRESPONDENCE STRICTLY PRIVATE.

ADDRESS **H. G. BISHOP, Box 13, Oneonta, N. Y.**

LIBRARY OF CONGRESS
0 038 701 722 7